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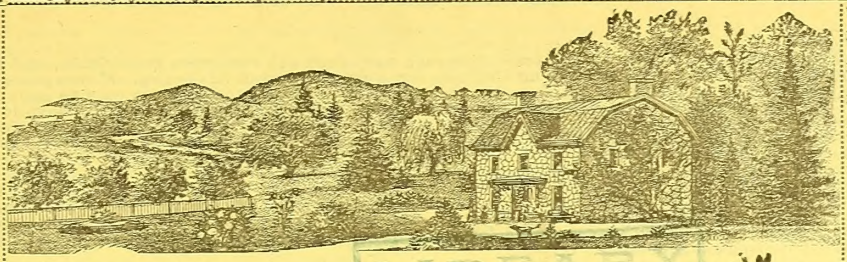

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Catalog of

GOODELL'S

Choice Seeds,

Fruit Trees

AND

Plants.

L. W. GOODELL,
DWIGHT,
MASS.

Gazette Printing Co. Northampton, Mass.

To Friends and Customers.

AGAIN I have the pleasure of presenting each one of my old customers and friends, and also the 10,000 new ones added to my list last year, a copy of my Annual Catalog. Eleven years ago I issued my first price list of seeds. It has been my aim from the first not only to gain new patrons, but by furnishing the very best of seeds and fair and liberal dealing to make it for their interest as well as mine to continue to send me their orders; and it is with real pleasure that I note the annual return of nearly all of those who dealt with me during the first years of my business. Their names have become so familiar from the frequency of their orders they seem like old friends. I have received thousands of pleasant letters containing expressions of the satisfaction and success of customers with the seeds I furnish and it would have been a pleasure to me to reply to each one had time permitted; but an acknowledgement in this general way, through the medium of my Catalog must suffice. I am always glad to hear of the success of my patrons, and feel encouraged to make every effort to keep up the high reputation my seeds have already won and improve them in every way where improvement is possible.

Sometimes I receive letters complaining of failure to a greater or less extent, and as a rule those who have the worst failure almost always blame the seeds and have the most confidence in their own abilities; old gardeners and those who have had much experience in sowing seeds will know that no matter how good and fresh the seeds may be, failure will sometimes occur from causes entirely beyond human control; and unfortunately, there are some people so careless that they never take proper care of anything and never succeed with seeds or anything else. I hope I have but a few of this class among my customers, because I want all to succeed with the seeds I send out, for a single failure of this kind does me more harm than a number of successes do good. Cases have come under my notice of persons buying the most delicate seeds that require very careful management and then sowing them broadcast, much as a farmer would turnip seed! They might as well have thrown them into the fire. In December of each year I make careful tests of the germinating qualities of every variety I offer and all that do not germinate properly are at once burned or thrown away, and it is almost impossible that any seeds I send out will fail to grow from any fault of the seeds.

Most of the flower seeds sold in this country are imported from Europe, and until within a few years it was supposed that they could not be grown in America, but it has been found that seeds of many of our most popular flowers can be produced here of much better quality than the European seeds, provided the necessary skill and care is used in growing them. The amount of time, skill and care necessary to produce seeds of the highest quality cannot be understood or appreciated by those not acquainted with the details of the business. I have made a specialty of growing flower seeds for the past eleven years, selling them first to city dealers at wholesale, and am now one of the largest growers in America. I have succeeded in greatly improving many of our most popular varieties, and among those that will be found much superior in quality to the seeds usually sold by dealers, I desire to call particular attention to my Asters, Balsams, China and Japan Pinks, Pansies, Petunias, Phlox, Double Portulaca, Stocks, Verbenas and Double Zinnias, which have been awarded numerous first premiums at fairs where exhibited. Such varieties as do not perfect their seeds in this climate and experience has shown are better for being grown elsewhere, I import from the most reliable growers of England, Germany and France.

It is my constant study to furnish the Best Seeds at the lowest prices, which will be found in many cases to be from 20 to 50 per cent. lower than those of city dealers. The figures on the right of the columns give the prices of each variety per packet in cents. My packets are large, each packet containing from a hundred to a thousand seeds, except some of the new or very scare varieties or those with very large seeds, which necessarily contain less. *Please compare my prices with those of city dealers*, and note the liberal discount I make on large orders. All seeds offered will be sent to any part of the U. S. by mail, *postage paid*, at the prices annexed, and I will guarantee safe delivery at your post-office.

How to Send Money.—Money may be sent at my risk, if sent according to these directions: Send all sums of one dollar or over by Post Office Money order, which is always the best way if it can be obtained: but if a money order cannot be obtained at your office, remit in bank bills and get the letter *registered*. The expense of sending by either of the above ways will be eight or ten cents, and may be selected in seeds from the catalog. Have all Money Orders and Postal Notes made payable at AMHERST, MASS. *Sums less than one dollar* may be enclosed in a letter and sent at my risk. Always remit sums of *less than a dollar* by the new Postal Notes if possible, but if these cannot be obtained at your office, then use good, new 1-cent and 2-cent postage stamps for change, but if stamps must be used *do not detach or stick them to the letter*, but send them just as purchased, and as I receive many more stamps than I can use, and have to sell them at a discount:, do not send anything but *sums of less than a dollar in stamps unless extra stamps are sent at the rate of 8 cts on each dollars worth. If customers will send just even dollars in bills, when they cannot obtain money orders or notes, I will return the change to them in 2-cent stamps with seeds.* A sufficient amount to pay for all seeds ordered should be enclosed as it is my invariable rule to send seeds only to the value of the remittance. *Canadian stamps are of no value to me* and will not be accepted, but Canada bills and fractional currency are always acceptable. Twenty-five cents or less in silver can be sent safely in a letter, in a strong envelope, if pasted securely between two sheets of paper to prevent its cutting through the envelope, *but never send larger sums than this in silver* as it requires extra postage and is almost sure to cut through the envelope and become lost.

I take the greatest care in filling orders, yet it is impossible, in the hurry of the busy season, to avoid occasional mistakes, and where errors occur, please do not think that I design to cheat you, but notify me at once, stating just what the error is, and I will make prompt and satisfactory correction.

The great majority of orders are sure to reach me safely, but it occasionally happens that a letter is lost or stolen. After waiting a reasonable length of time, if the seeds ordered do not arrive, then write again, ALWAYS REPEATING THE ORDER, so that, in case we did not receive the first order, we can fill it without further delay.

In making up your order be sure that NAME, POST-OFFICE, COUNTY, and STATE are plainly written on every order. Every day during the busy season I receive letters with one and sometimes all of these important items wanting; and then all I can do is to wait until I receive scolding letters and am perhaps called hard names, when the fault is entirely with the customer.

Early Orders: The seed trade of a whole year is crowded into a few months, which makes a great rush of business, and it will be a great accommodation to me if all who can conveniently do so will send their orders as early as possible. The seeds will then be on hand when wanted for sowing and customers will be sure of getting just what is ordered, for stocks of some of the most desirable varieties often become exhausted late in the season.

My Flower Gardens are always open to visitors, and friends are cordially invited to come and inspect the flowers from which I save seeds. Acres of Asters, Pansies, Petunias, Pinks, Phlox, Verbenas and scores of other varieties are, when in full bloom, a grand sight, worth going many miles to see.

A new post-office has been established near my seed farm, and all communications should be addressed as below in future. Have all money orders, etc., made payable at AMHERST.

L. W. GOODELL, DWIGHT, MASS.

30-CENT COLLECTION OF SEEDS.

Every year I grow some of the best varieties in extra large quantities, and offer them in collections for about a quarter of the regular price. I have filled orders for over ONE HUNDRED THOUSAND of these collections, containing *more than a million papers of seeds*, and have received many thousands of letters containing expressions of the satisfaction they have given the purchasers; and I have the pleasure of knowing that many who never cultivated a flower before have been induced to begin their culture by my cheap collections. The past season I grew the varieties named below in large quantities especially for this collection. All are of the choicest quality in every respect. Each packet contains from 50 to 500 seeds, nearly all 100 or more. The collection of fourteen packets will be sent to all who order it for only 30 cents. I am sometimes asked to make changes in the varieties, and while I am willing to accommodate customers in every way possible, yet in this I cannot do so, as I shall have them put up ready for mailing before the busiest part of the season. *It is on this very condition of no change in connection with very large sales that I can offer them for such a small sum.*

Pansy, New Diamond Strain, mixed varieties. This packet contains from 25 to 40 seeds of the Diamond Strain, the finest ever offered, and 25 to 40 seeds of my old strain, which has been highly praised in the past.
Rose Aster, mixed colors.
Helichrysum, mixed colors.
Godetias, new varieties mixed.
Mignonette, new Giant White.
Phlox Drummondii grandiflora, all colors.
Candytuft, New Mammoth White.
Dianthus (*China and Japan Pinks*), all varieties in splendid mixture.
Antirrhinum majus (*Snapdragon*), mixed colors.
Nicotiana affinis.
Aster, Imbrique Pompon, mixed colors.
Double Portulaca, first quality, mixed colors.
Double Poppies (*Improved*), all varieties, mixed.
Virginian Stock, mixed colors.

PREMIUMS TO CLUBS.

Many are so highly pleased with my seeds that they recommend them to others and raise clubs among their friends and neighbors, and this is not only highly appreciated on my part, but I will reward liberally all who thus assist in extending my trade. For a club of four subscribers to the 30-cent collection, remitting $1.20 at one time, I will send one collection *free* to the raiser of the club, or if preferred, *all the following seven new and choice varieties*, one packet of each (see list of novelties for description):

Dwarf Spotted Snapdragon; Chrysanthemum segetum grandiflorum; Godetia, Spotted Carpet; Double Poppy, Snowball; Oxalis corniculata purpurea; Schizanthus pinnatus roseus; Whitlavia campanularia.

Any one who will try can easily raise a club of four; but those who do not succeed in obtaining that number, may, for *one* subscriber select any *one* of the above varieties, as a premium; for a club of two subscribers, any *two* varieties may be selected, and for a club of *three* any *four* of the above varieties. These premiums are offered for subscribers actually obtained; *I cannot allow a premium on a person's own order for a collection.* Those who get *more* than four subscribers, may select seeds in papers from the catalog to the value of ten cents for each and every subscriber over four. If the premium seeds are not wanted for the club-raiser's own use, they can easily be sold while taking orders for collections, and thus ten cents in cash be obtained for each subscriber. The premium seeds must be selected when the club order is sent. The seeds will be sent to the raiser of the club (which is much the best way when convenient to distribute, as they usually go safer when sent to one address), or, if not convenient for the raiser of the club to distribute them, to each member separately. *Please send the name and address of each member of the club.* As my profit comes in the future trade I may receive, this is a very important matter to me, and I cannot afford or allow premiums unless the name and address of each member of the club (whether large or small) is sent, so that we can put them on our books.

The above premiums are offered on the 30-cent collection, only, but to those who raise clubs for a general selection of seeds from the catalog, or order for themselves alone, I propose to be equally liberal, as follows: Persons sending 50 cts. for seeds in papers at the regular catalog prices, may select 10 cts. worth extra as a premium. Persons sending $1.00 for seeds in papers at the regular catalog prices, may select 25 cts. worth extra as a premium. Persons sending $2.00 for seeds in papers at the regular catalog prices may select 55 cts. worth extra as a premium; and for each *additional* dollar sent for seeds in papers at the regular catalog prices 40 cts. worth extra may be selected as a premium. But it must be understood that these last premiums are offered ONLY ON SEEDS IN PAPERS AT THE CATALOG PRICES. Seeds in collections, or bulbs, must not be reckoned in making this discount, *nor can the premiums be paid in them*, as it would bring the prices below cost in some cases.

As an encouragement to club raisers to make their clubs as large as possible, I have for several years offered liberal cash premiums to those who raised the largest clubs for the 30 ct. collection. Last year the cash premiums were awarded as follows: 1st premium, $25.00 to A. C. Stark, Waterville, Me., for a club of 123 subscribers; 2d premium $15.00, to Mrs. S. E. Simmons, Lynn, Mass., for a club of 112 subscribers; 3d premium $10.00, to Mrs. C. A. Maddox, Biddeford, Me., for a club of 80 subscribers; 4th premium $5.00, to Mrs. G. W. Davis, Pine Bluff, Ark., for a club of 72 subscribers. A copy of a dollar book on flower culture was also sent to each one of these who sent the next twelve largest clubs as promised. Every person who raised a club of over $7.00 in amount, received a cash or book premium, and in order that all who raise even a $5.00 club will stand a good chance of receiving at least a book premium, I propose to do better than ever this year, and will make

TWENTY-FIVE CASH AND BOOK PRESENTS,

to those who raise the largest clubs for *any flower and vegetable seeds offered in this Catalog* whether collections or seeds selected from the Catalog, or partly of both:

One Cash Present of $25.00 for the largest club order for seeds.
One Cash Present of $15.00, for the next largest club order for seeds.
One Cash Present of $10.00, for the next largest club order for seeds.
One Cash Present of $5.00, for the next largest club order for seeds.
One Cash Present of $3.00, for the next largest club order for seeds.
One Cash Present of $2.00, for the next largest club order for seeds.

And to each one of the persons who send the nineteen next largest club orders, I will send as a present the best book published on Window Gardening, worth $1.50. (See description of contents, etc., on another page.) By largest clubs is meant those who send the *largest amount of cash during the season* between now and the first of June, when the amounts each club raiser has sent in will be reckoned up and the presents forwarded to the successful competitors. *Additions to clubs* can be made and the amounts will be added to those previously sent; but club raisers who send more than one order should always mention that it is to be added to the last order sent. The name and address of each member of the club must be sent so we can put them on our books. Each new member of a club is entitled to a Catalog if wanted, and club raisers will please state how many are needed this season. All who compete for the cash and book presents are also entitled to the liberal SEED PREMIUMS offered above, which must be selected when the club orders are sent. A small club can easily be raised in any neighborhood, and with some work a larger one, and the raiser will stand a good chance of obtaining one of the cash or book presents, and surely these presents and seed premiums are worth some effort to obtain. Competition is open to all persons except to those who received cash prizes last year.

Recent Introductions of Special Merit.

The varieties under this head marked with a * are now offered for the first time, and the descriptions are those of the growers.

NEW LARGE FLOWERING GERMAN PANSIES,
DIAMOND STRAIN.

The superior qualities of this unsurpassed new strain of German Pansies, introduced by me three years ago, has gained such a reputation among my customers that it has resulted in the sale of more than fifty thousand packets of seed. Its large and perfectly formed, round and velvety blooms, endless variety of rich and delicate colors and tints, often in combinations that, if not seen, would be difficult to believe ever existed in a Pansy, distinguishes this strain above all others. An acre of these Pansies in full bloom in my grounds last year was the admiration of crowds of visitors, many of them from Boston, New York, Washington, and other distant places, including some old florists, and all acknowledged it to be the finest display of Pansies, in both quality and quantity they had ever seen. A large bed containing samples of every strain of Pansies offered by American and European seedsmen, including several introduced last year for the first time, proved very interesting and instructive, especially to the florists. While some of these strains could be called good, most of them were quite ordinary, some were decidedly poor, and none were equal to the Diamond strain in richness, brilliancy and endless variety of coloring. *I particularly invite a comparison with these or any other strains of Pansies, well knowing that the Diamond strain will not suffer in the least by it.*

Pansy seeds can be sown at almost any season of the year with good success, but best from January to August. Sow in a cold frame or in boxes covering the seeds not more than an eighth of an inch with soil, *and take particular care in watering and shading to keep the soil constantly moist till they germinate*, which will be in from 10 to 18 days if all goes well. Pansy seeds are very sensitive to the drying out of the soil and when they fail to germinate it is almost always from this cause, or from too high a temperature. If seeds are sown in Summer the seed-bed should be entirely shaded with boards raised a few inches above the surface, and frequently examined and watered, removing the boards as soon as the plants begin to appear. As soon as the plants have grown about an inch in breadth set them 10 inches apart where they are to bloom, or nearer if quick results are wanted. Pansies do well in partial shade if the roots of trees can be kept out of the beds, but shade is not at all necessary, as many suppose. The soil should be made very rich—the richer the better—with fine thoroughly decayed manure. The Pansy is not particular as to the kind of soil provided it is rich. A very rich soil, cool weather, and an abundance of water, are the secrets of growing fine Pansies. Mere size is not now considered by Pansy fanciers a leading point in judging of the merits of blooms; those that are from two to two and one-half inches in diameter, if of perfect round form with thick, velvety petals of rich and varied coloring, always take the prize over larger ones that lack these points. To grow blooms of the largest size for exhibition or to astonish your friends, make the soil as rich as possible, select plants that have the finest flowers and pinch off all the branches except three or four on each plant; pick off the buds as fast as they appear during the Summer, allowing them to bloom only when wanted, during the cool wet weather of Autumn and Spring. They should be well watered during dry weather, and if with manure water, all the better. Any of the commercial fertilizers such as guano, superphosphates, etc., if sown on the ground around the plants and lightly dug in, will give splendid results. Pansies usually give the most pleasure when allowed to bloom freely, which they will do at all times if given good culture and are not allowed to form seed which tends to exhaust the plants, and severe pruning is not recommended except to obtain extra large blooms. The flowers are always smallest during summer, bearing the finest flowers during the autumn of the first and spring of the second year, after which the plants become exhausted or "run out" and new ones should be obtained from seeds every year. Plants of Pansies are perfectly hardy in this climate without any protection whatever, and when they are killed during winter it is caused, not by cold, but by water settling around the stems, which causes them to decay, and care should be taken to set plants on ground a little elevated or on an incline.

The following varieties are some of the most distinct of these Pansies, but it should be understood that while a good proportion of the plants of each variety will come true to the description, there will always be some variation in some of the plants, but they will be none the less beautiful on that account, for new and novel shades and markings often appear. This strain of Pansies seeds very lightly.

Melpomene, brown and fawn color; ***Andromeda,*** dark blue and black, shading to violet and azure blue on upper petals; ***Juno,*** deep, rich purplish red, with three large maroon blotches; ***Clymene,*** purple and maroon marbled; ***Halcyone,*** yellow, edged with blue; ***Daphne,*** lilac shaded with rosy purple; ***Aurora,*** a velvety crimson maroon, shaded with red and edged with yellow; ***Iris,*** deep bluish purple shaded violet; upper petals light blue or violet; ***Eurydice,*** white with large blue center; ***Niobe,*** rich brown and maroon; ***Venus,*** deep rich blue and purple, stained light red and bordered with pink and white; ***Lavinia,*** deep yellow with black center; ***Thalia,*** violet and purple with yellow center; ***Antigone,*** dark purplish blue; ***Minerva,*** white ground with a large dark blotch on each petal; ***Callisto,*** dark colors with light edges; ***Psyche,*** various shades of purple, yellow and brown striped and mottled, often on a light ground; ***Euterpe,*** rich shade of blue and purple with a black center; ***Alcestis,*** various shades of purple, yellow and maroon beautifully marbled and shaded; ***Cybele,*** brown with yellow center; ***Sappho,*** purplish black with violet center; ***Dryope,*** light blue shaded with brown and fawn color; ***Erato,*** purplish black with bronze or yellow center; ***Flora,*** red with five large dark blotches; ***Clytie,*** shades of purple and blue, marbled; ***Zephyr,*** white, edged with light blue; ***Pomona,*** light yellow with purple or maroon center; ***Semele,*** purple shaded with violet; ***Iole,*** brown with yellow center; ***Dione,*** various shades of purple, yellow and maroon marbled; ***Hebe,*** yellow, stained red; large dark blotches; ***Calliope,*** rich velvety maroon and bronze color with yellow center; ***Calypso,*** mahogany color, citron yellow and bronze with dark center; ***Proserpine,*** purple and blue with white center; ***Thetis,*** red and yellow with maroon blotches; ***Nephele,*** white, sometimes marked with violet; ***Clio,*** purple edged with white; ***Ceres,*** pure white, sometimes slightly tinged with cream color; ***Cassiopeia,*** jet black with yellow eye; ***Arethusa,*** yellow with maroon blotch; ***Ariadne,*** dark purple and maroon stained and edged with red and white; ***Terpsichore,*** white with dark spots; ***Vesta,*** light sky blue with violet center; ***Thisbe,*** white, curiously spotted and mottled with purple, violet or blue.

Any one of the above named varieties, in separate packets, per packet of 100 seeds,..... 30
The entire collection in separate packets, one packet of each,..... $10 00
All varieties in splendid mixture, packet of 100 seeds,..... 20
Extra choice mixed, from the largest, finest flowers of the richest self colors and finest fancy varieties; packet of about 100 seeds,..... 30

NEW PHLOX DRUMMONDI,

GRANDIFLORA STELLATA SPLENDENS.

PAINTED FOR GOODELL'S SEED CATALOGUE.

F.A. STECHER, LITH. ROCH. N.Y.

NEW EMPEROR PETUNIAS.

The flowers of this new and unsurpassed strain exhibit a greater variety of colors and markings than ever before obtained in the Petunia; from the richest purple and crimson to the most delicate rose and white there is every gradation. Some of the varieties have a clearly defined white throat, the other portion of the corolla being colored: some are evenly or irregularly striped, blotched and barred with purple, crimson, rose and white; others are elegantly veined with crimson, violet and maroon on a light ground, and several are exquisitely fringed and frilled, resembling ruffled lace. Many of the varieties are of very large size. These Petunias, and the Diamond Pansies, were the special admiration of hundreds of visitors to my grounds last season, and were awarded the first premium at every fair where I exhibited them.

There is one peculiarity about Petunia plants that is not generally understood. In the finest strains there are always some plants that, in the seed-bed, grow strong and look dark green and healthy, while there are others that have small, curly, yellowish leaves, and seem small, sickly and poor; *these latter should be saved and transplanted with particular care as they are the ones that always produce the largest, finest flowers.* Those not familiar with this fact often transplant the largest, nicest looking plants, throwing away the small, sickly ones, and in consequence are rewarded with nothing but common flowers.

NEW EMPEROR PETUNIAS, Lace-edged or Fringed Section: The flowers of this section are of large size and of a variety of colors, pure white, white blotched, striped and spotted with crimson, rose and purple, rich cardinal red, lavender and rose beautifully veined with maroon, etc.; and the edges of the petals are most elegantly fringed and frilled resembling ruffled lace. The rare beauty of these varieties must be seen to be appreciated. All varieties mixed,.....25

Large-flowered Smooth Petaled Section: Flowers of large size, the petals with smooth or even edges. It embraces all the colors of the fringed section and many others, including several entirely new and rare varieties and shades,—rosy carmine, rich violet purple, almost *blue*, cardinal red with large white center, rose, crimson and lavender bordered with *green*, etc. All varieties of this section,.....25

Small-flowered Section: The flowers of this section are small, but the plants bear a great profusion of flowers, and are very showy; they are of a variety of colors, blotched, striped, barred and spotted with white: mixed colors,.....10

Dwarf Section: These are very dwarf and compact plants bearing a great profusion of small flowers of rich purple and cherry red colors with a white star in the center of each flower. These are little beauties,.....10

All the above sections and varieties in splendid mixture,.....15

Mammoth Section: The flowers of this section are of immense size, often from 5 to 6 inches in diameter and of beautiful colors,—rose and lavender veined and penciled with crimson lake and maroon with large tigered throats, rich shades of purple, with large white or black throats, etc. The seeds are very sparingly produced. Packet of 50 seeds, mixed colors,.....30

EMPEROR PETUNIAS, Extra Choice Mixed, saved from the most elegantly fringed and finest large flowering and mammoth varieties only. This is the finest strain of Petunias ever offered, 30

NEW DWARF SWEET ALYSSUM, LITTLE GEM: This is an exceedingly pretty and entirely distinct dwarf variety of Sweet Alyssum originated by me. The plants are of very dwarf, compact spreading habit, and only 3 to 5 inches in height, each plant covering a circle from 15 to 30 inches in diameter. It begins to bloom when quite small, often when in the seed-bed, and so profusely that the plants are a solid mass of white from spring till late in autumn. I have counted over 600 clusters of flowers on a single plant at one time. For small beds and edgings it is very effective, and for pots and baskets a gem of the first water. From 75 to 90 per cent. of the plants from seeds come true and good. Although the plants bloom so profusely, but very few perfect seeds are formed, the whole vitality of the plant seeming to be expended in the production of flowers: Seeds, per packets of 50 good seeds, 15

ACROCLINIUM roseum fl.-pl. a new double variety of the popular Acroclinium. It is perfectly double, of a bright rose color, and one of the most beautiful and valuable of all the Everlasting flowers,..... 10

ASTER, Mignon: A very beautiful variety of white Aster, the plants growing about a foot in height, of compact very branching habit, each plant bearing from 75 to 100 pure white double flowers about two inches across, with the petals finely imbricated. It is one of the earliest to bloom and keeps in perfection longer than any other variety,..... 15

****ASTER, Comet:*** A new class, the plants about a foot in height with very large and double pink and white flowers, differing from all other Asters in having the petals very long, wavy and curled at the ends, something like the Japanese Chrysanthemums,..... 25

ASTER, Dwarf Queen: A remarkably handsome Aster, growing 8 to 10 inches in height, each plant bearing about a dozen very large and perfectly double flowers; crimson and white mixed,..... 15

ASTER, Rose-flowered, Dark Scarlet: Flowers very double of a dark caimson scarlet or maroon color. The deepest, richest colored Aster ever produced,..... 15

ASTER, Zirngiebel's Double White: This is one of the finest of white Asters. The plant is about 18 inches in height, of good habit and covered with large double flowers,..... 15

ASTER, Imbrique Pompon, Blood Red: Very dark blood red and perfectly double,.... 10

ANTIRRHINUM nanum picturatum (*Dwarf Spotted Snapdragon*): A new and distinct class of this popular flower, with beautifully blotched and spotted flowers,.... 10

AQUILEGIA cœrulea hybrida: The flowers of this new variety are very large, the center petals yellow, while the spurs and sepals are of a beautiful porcelain blue,..... 15

BALSAM, Camellia-fl. Perfection, White: A perfectly double variety and the finest white Balsam, nearly every plant producing flowers as large and double as Camellias. Very valuable for florists' use,..... 10

CALENDULA, Prince of Orange: A very fine and showy hardy annual with large double flowers of a rich deep orange color, each petal with a lighter stripe through the center giving the flowers a very novel and elegant appearance. An improvement on the older variety "Meteor,"..... 10

CARNATION, Grenadin: A new dwarf variety, producing a profusion of perfectly double flowers of a vivid scarlet color,..... 25

CARNATION, New Dwarf Perpetual: Beautiful new winter-blooming varieties, producing large, perfectly double flowers in abundance,..... 50

CANDYTUFT, Mammoth White: This is the largest variety of white Candytuft ever offered, the plants growing very large, the spikes of flowers from 3 to 5 inches long by 2 or 3 in diameter. The plants should be transplanted or thinned to 15 inches apart, to become fully developed, in good rich soil,..... 10

CANDYTUFT, Dwarf White: An exceedingly fine variety, each plant forming a compact bush 4 or 5 inches tall and a foot in diameter, completely covered with clusters of white flowers, remaining in bloom much longer than the old sorts,..... 10

****CANNA, Crozy's New Varieties:*** These superb new varieties are distinguished by their diversity of color and luxuriance of foliage and by the large size and brilliancy of their flowers,..... 25

CALCEOLARIA, hybrida striata. A new and pleasing variety of these popular house plants, about one-third of the plants bearing finely striped flowers,..... 50

CAMPANULA, medium striata, *(Striped Canterbury Bell):* Striped and punctated with blue and white,..... 10

CHRYSANTHEMUM segetum grandiflorum: A very showy variety of annual Chrysanthemum bearing a profusion of single flowers, 1½ to 2 inches in diameter, of a bright sulphur yellow color; very fine for cut flowers, 10

CHRYSANTHEMUM, New Double Lemon: A new annual variety with perfectly double flowers of a delicate lemon color,..... 10

CHRYSANTHEMUM, tricolor, Eclipse: An exceedingly showy new variety with golden yellow flowers, with a purplish scarlet ring and a dark brown disk,..... 10

CHRYSANTHEMUM, The Sultan: Rich crimson maroon with gold-colored ring. All the varieties of Annual Chrysanthemums are showy in the garden and valuable for cutting,..... 10

CLEMATIS, Large Flowering Hybrids: The Clematis is one of the most beautiful hardy perennial climbing plants we have. The varieties now offered have flowers about 3 inches in diameter and are white and all the shades of rich purple, violet and blue,... 20

COLEUS, Benary's New Large-leaved: Saved from new varieties with very large and superbly variegrted foliage,..... 50

COCKSCOMB *(Celosia eristata),* ***New Empress:*** A magnificent variety with immense heads of flowers of a bright crimson with a rich velvety appearance,..... 15

COSMOS hybridus grandiflorus: Fine annuals growing 5 feet tall with elegant foliage and bearing a profusion of flowers late in the fall, resembling single Dahlias. The colors are white and various shades of rose and purple. They do not flower well north of New York unless started very early,..... 20

****CYCLAMEN, Persicum giganteum atrosanguineum:*** A new variety of the large flowered Cyclamen of the deepest, richest shade of blood red imaginable,..... 50

ESCHSCHOLTZIA *(California Poppy)* ***Mandarin:*** A splendid variety, the inside of the petals a rich orange color, the outside dark crimson,..... 10

GAILLARDIA picta Lorenziana, fl.-pl.: This has proved one of the most valuable hardy garden flowers introduced for many years. The plants grow about 18 inches tall, very bushy, and the flowers, which are in large globular and semi-globular heads, are produced freely from June till late in the fall. It is a first-class bedding plant and very fine for cutting bouquets, as the flowers grow on long wiry stems. Sow seeds in frames or boxes if possible and transplant where they are to bloom a foot apart. Orange, sulphur yellow, amaranth, claret and variegated, mixed,..... 10

GODETIAS, New Varieties: The new varieties of Godetias are great improvements on the old sorts. The plants grow about 18 inches tall, very compact and bushy and are completely covered with large Azalea-like flowers of a peculiar satiny appearance, each plant resembling when in full bloom a miniature Chinese Azalea. They do best when sown where they are to grow and thinned to a foot apart. Satin rose, crimson, carmine and white mixed,..... 10

GODETIA, Spotted Carpet: A charming variety of this popular plant. The plants are dwarf and bushy, bearing myriads of exceedingly pretty pure white flowers with a bright carmine-rose center,..... 10

****GERANIUM, Zonale, Boucharlat's Collection:*** Few horticulturists have enriched this class with so many fine varieties as M. Boucharlat. He has specially saved for me from the best new varieties of his unsurpassed collection the seed I now offer,..... 25

GLADIOLUS Lemoinei: A new and most beautiful section of Gladiolus. They differ from the common varieties in having distinct and almost round flowers of intense and striking colors and markings. The seed I offer will produce many new and striking varieties,..... 20

****GLOXINIA, New French Tigered and Spotted Hybrids:*** A new class of these superb and popular house plants having very large and beautiful tigered and spotted flowers,..... 50

HUMULUS, Japonicus *(Japanese Hop):* A very pretty and rapid growing annual climber growing 10 to 15 feet in height,..... 15

****HOLLYHOCK, Superb Double:*** For several years I have been growing and improving this most popular perennial, and am now pleased to be able to offer a strain that can be recommended as the finest extant. The flowers are of large size, perfectly double and range in color from pure white to deepest crimson. Sixteen separate colors, — pure white, dark crimson, deep pink, light buff and purple tinged lilac, salmon rose, canary yellow, violet tinted with cream, light flesh color, crimson flaked with salmon, brown shaded and tipped with lilac, cream color and purple shaded lilac, buff yellow, purple, rose, sulphur yellow, scarlet. Each of the above colors in separate packets, *each color,* 20

All the above colors in splendid mixture,. 15

IMPATIENS Sultani: A new species of perennial Balsam, which has proved to be a splendid house plant and very valuable for bedding out in summer. The flowers are from 1 to 1½ inches in diameter, of a brilliant rose-scarlet hue. The plants are of compact growth, branching freely, and the flowers are produced in such profusion that a well-grown plant appears to be a perfect ball of flowers. It is almost a perpetual bloomer. Seeds should be sown in a frame or box in the house,..... 25

IPOMŒA grandiflora alba *(Moon Flower or Evening Glory):* A magnificent climbing plant of rapid growth, climbing to a height of 15 or 20 feet. It belongs to the Morning Glory family, but the flowers, which open towards evening, are of immense size,—from 5 to 6 inches in diameter, pure white and very fragrant. Start the seeds early under glass or in boxes,..... 15

IPOMŒA Leari: This is another magnificent species of Ipomœa, but the flowers, which are about 4 inches across, are sky blue shading to light red in the center,..... 15

LATHYRUS splendens: A beautiful species of Perennial Pea from California, with dark red flowers and finely cut foliage,..... 10

LAYIA elegans: A very pretty annual from California, about a foot in height, with large golden yellow flowers, edged with white, with an orange center,..... 10

****LOBELIA erinus compacta oculata:*** A splendid variety, the flowers dark blue with a distinct white eye,..... 15

LOBELIA, White Gem: a pure white variety of dense, compact habit; very fine for beds or edgings,..... 10

LOBELIA, Prima Donna: Of dwarf compact growth, thickly studded with rich velvety, crimson maroon flowers,..... 10

MARIGOLD, AFRICAN, El Dorado: This is the finest strain of African Marigold yet produced. The flowers are 3 to 4 inches in diameter, very double and most perfectly imbricated and frilled. The colors run through all the shades of yellow from very light primrose to the deepest orange; mixed colors,.... 15

****MARIGOLD, AFRICAN, Gold Nugget:*** This new variety is remarkable for its dwarf, dense growth and very large double blooms, which are of a peculiar shade of golden yellow,..... 25

****MARIGOLD, FRENCH, Butterfly:*** Unquestionably the most beautiful form of French Marigold ever introduced. The flowers are borne in greatest profusion and are very double, the alternate petals of velvety purple-brown and old gold clearly defined,.... 25

MARIGOLD, FRENCH, Compact Gold Striped: An elegant variety. The plants are only 6 inches tall with a diameter of a foot. The flowers are very double and abundant, striped with bright yellow and chestnut color. It is one of the best for bedding, 10

MIGNONETTE, Golden Queen: This is one of the best and most distinct varieties of Mignonette, the flowers being of a rich yellow tint and very fragrant..... 10

MIGNONETTE, Machet: A variety of very dwarf vigorous growth with massive spikes of deliciously scented red flowers, the best of all sorts for pots..... 10

MIGNONETTE, Giant White Spiral: An entirely distinct variety growing three feet tall with large spikes of white flowers often a foot or more in length and very sweet scented. Easily transplanted, or may be sown where they are to grow. Set or thin plants to 18 inches apart..... 10

MIRABILIS Jalapa, Dwarf White: A beautiful new variety never more than 10 inches in height and completely covered with pure white flowers..... 10

MIMULUS grandiflora: Very large flowers as beautifully tigered and spotted as the finest Calceolarias, and surpassing anything that has been hitherto offered in this genus..... 10

****MINA lobata:*** A splendid annual climbing vine from Mexico, closely related to the Ipomœa, but entirely different in its flowers. The flowers are produced in fork-like racemes about 15 inches in length, growing upright and in great abundance amidst the luxuriant foliage, presenting a very striking aspect. The flowers are tubular in form, about three-fourths of an inch long; at first of a bright red, they change to orange yellow and yellowish white when fully expanded. The vine climbs to a height of 18 feet and is well suited for covering arbors, trellises, etc. Start the seeds early under glass or in the house, ... 25

****MIOSOTIS alpestris, Victoria:*** This new and very pretty *Forget-Me-Not* is of very bushy growth and is completely covered with large, bright azure blue flowers, remaining in bloom a long time..... 20

NICOTIANA affinis: One of the finest annuals of recent introduction. The plants grow about 3 feet tall, and bloom profusely all summer. The flowers are white, two or three inches long, and about as much in diameter, and very sweet-scented, a small bed filling a whole garden with fragrance. It also succeeds admirably as a house plant. The plants can be taken up in the fall, cut back and potted for the house, where they will bloom freely all winter. This is one of the things that cannot be too highly recommended. Seeds are rather slow and uneven of germination, and should be sown in a frame or box... 10

OXALIS corniculata purpurea: As a dwarf purple-brown foliage plant, this is unsurpassed. It was extensively used in the Boston public gardens last season in bedding with admirable effect. For borders to beds it is particularly valuable. Plants may be set 4 or 5 inches apart and will soon carpet the ground with rich purple-brown leaves and bright yellowish flowers; 3 inches in height... 10

PANSY Trimardeau: An entirely distinct new race of this popular flower that, for size, surpasses any hitherto introduced. With good culture they grow from 2½ to 3½ inches in diameter. The flowers are not as perfect in form as could be desired, and the colors are mostly of blue and purple shades, but those who wish to see how large it is possible for a Pansy to grow should try this strain,... 30

PETUNIA, Double Lilliput: From 20 to 30 per cent. of the plants of this new dwarf variety bear a profusion of small double variegated flowers; packet of 50 seeds,..... 25

PETUNIA, Lady of the Lake: The seeds of this variety produce from 10 to 30 per cent. of large and elegantly fringed pure white double flowers; packet of 50 seeds, ... 50

****PETUNIA grandiflora fimbriata "Titania:"*** The flowers of this remarkable variety are elegantly fringed and of a dark velvety purple, with a broad and clearly defined pure white band around the edges of the petals..... 50

PETUNIA New Large-flowered Yellow Throated: This new introduction has proved a remarkably fine acquisition. The flowers are of large size, blotched and striped with white, purple and crimson, with a broad yellow throat, veined like a Salpiglossis; packet of about 50 seeds,... 35

****PAPAVER pavonium:*** A new very free-flowering annual Poppy from Turkestan. Plant about 2 feet in height with neat, deeply pinnatified foliage and three colored single flowers, 3 to 4 inches across. The petals are of a brilliant scarlet, each being marked near the base with a zone of glossy black, so as to form a complete ring of a striking effect, the center of the flower being of a lovely cherry carmine..... 25

PHACELIA (Whitlavia) campanularia: This new California annual is one of the prettiest blue flowering plants ever introduced. The plant is of spreading bushy growth, about 7 inches tall by a foot across. The flowers are very numerous, of an open campanulate form, about three-fourths of an inch across, and of the finest satiny blue, of a shade very rare in flowers, rivalling the beautiful *Salvia patens*. It is of very easy culture and blooms in a few weeks from seeds, which may be sown either under glass or where they are to grow and thinned to 6 or 8 inches apart. Good blue flowers are always scarce, and this is certainly the finest blue annual introduced for many years,..... 10

PHLOX Drummondi, Double White: The only really double Phlox, about 50 per cent. of the plants coming double; valuable for cutting..... 25

PHLOX Drummondi grandiflora splendens: One of the finest of all the annual Phloxes for bedding. The flowers are very large and round, of a vivid crimson color,.... 10

PHLOX Drummondi grandiflora stellata splendens: An introduction of last year that has proved the best for both bedding and cutting of any of the *grandiflora* varieties introduced for many years. The flowers, which are produced very profusely, are very large, round, and of a brilliant rosy crimson color, with a large and clearly defined white star in the center..... 15

PHLOX Drummondi New Dwarf: The plants of this new section are very bushy, only 5 or 6 inches tall, and completely covered with small flowers which are of all the brilliant colors of the tall varieties. It can be highly recommended for edging to beds and for house culture: all colors mixed..... 10

POPPY, Snowball: The finest of all white Poppies. The flowers very large, pure white, with deeply fringed petals, very double and perfectly globular in form, the plants appearing to be covered with real snowballs,..... 10

SILENE pendula compacta flore-pleno: A charming hardy annual of dwarf compact growth, covered with small, double, rose colored flowers, very good for edgings,..... 10

TEN-WEEKS STOCK, Snowflake: A very valuable new variety of dwarf growth, with very large and double pure white flowers, and one of the earliest of all varieties..... 20

TEN-WEEKS STOCK, Giant Perfection: A splendid race of pyramidal growth, attaining a height of 2½ feet, with long spikes of beautiful large double flowers. This is one of the best for open ground culture; 9 colors,... 25

SCHIZANTHUS pinnatus roseus (*Butterfly Flower*): A very fine addition to this pretty, hardy annual. The flowers are of a delicate rose color shading off at the center to white, the uppermost petal being almost covered with a blood red spot. The plants are of compact growth and literally covered with flowers resembling small butterflies,.... 10

SWEET PEA, Princess Beatrice: One of the most charming and distinct of the new varieties, the flowers being of a new shade of soft rosy pink..... 15

SWEET PEA, Bronze Prince: A magnificent variety, the standard of a rich bronzy maroon and the wings a bright purple,..... 15

SWEET PEA, Capt. Clark: Rose and white edged with light blue; very pretty.,.... 10

SWEET PEA, Butterfly: A very pretty new sort, pure white, delicately laced with lavender blue.... 10

SWEET PEA, Adonis: Of a lovely rosy carmine, shaded with crimson,..... 10

TROPÆOLUM minus (*Nasturtion*) ***Lady Bird:*** A pretty and distinct variety of a rich golden yellow color, each petal with a broad vein of bright ruby crimson at the base, 10

TROPÆOLUM minus Chameleon: A brilliant novelty in this popular class. The flowers are crimson, bronze and and gold, bordered and flamed, changing in hue almost daily, hence the name, ... 15

****DOUBLE ZINNIA, New Mammoth:*** A particularly fine new class of Zinnias, differing from the older ones in its unusually robust habit of growth and the immense size (5 to 6 inches) of its perfectly formed very double flowers of various striking colors. The plants rise to a height of 3 to 3½ feet, are clothed with luxuriant foliage and bloom freely during a long period. Being of great consistency, the flowers are uninfluenced by heat and remain in good condition for several weeks; eight beautiful varieties mixed,.. 25

DOUBLE ZINNIA, New Dwarf: Of very dwarf, compact habit, this new and very desirable class produces double and perfect flowers of various colors; mixed colors,..... 10

DOUBLE ZINNIA, New Dwarf, Fiery Scarlet: Produces in great abundance perfectly double flowers of a very bright scarlet, 15

DOUBLE ZINNIA, New Pompon: The flowers of this beautiful new strain are about one-half the size of the common Zinnia and of the most perfect form, the petals finely imbricated, overlaping each other in the most symmetrical manner. The colors are very bright and varied. The plants are of dwarf, compact growth and fairly covered with flowers; mixed colors,..... 10

****ZEA gracillima variegata New Striped leaved Maize:*** This variety surpasses the variegated Japanese Maize by a more compact growth and in the broader gracefully drooping leaves, which are very regularly striped with white,..... 25

SOWING FLOWER SEEDS, ETC.

Sowing in Cold Frames.—A cold frame is easily managed by anybody, and in no other way can such uniform success be had; and I would recommend those who have more than half a dozen varieties to sow to try one. Make a box-like frame of boards without a bottom, which should be twelve or fifteen inches high at the back, sloping to about six inches in front, so as to catch the direct rays of the sun as much as possible. It can be made of any size desired and nailed at the corners, if small enough to be easily moved about, or if larger, fastened together with hooks and staples. About the last of April is the proper time in this latitude to start seeds in a cold-frame, and the plants will be large enough to transplant to the beds where they are to bloom as early as would be safe from frost.

Prepare a bed in a warm sheltered spot in the garden; rake out all the lumps and stones and on this set the frame, and cover with ordinary hot-bed sash or old window sash which will do quite as well. Make the soil in the frame smooth and firm with a board, and sow the seeds thinly and evenly on the surface in squares, and label each sort with a short pine label. Have a pile of light sandy soil or leaf mold from the woods, which has been sifted through a fine sieve, near at hand, and if the seeds are very small, carefully sift it over them. Probably more failures to make seed germinate result from covering too deep than from any other cause. A good and safe rule for the smaller kinds of seeds is to cover to a depth of about twice the diameter of the seed. This would give a covering of one-eighth to one-fourth of an inch to such seeds as Aster, Phlox and Verbena; one-sixteenth of an inch to Petunia, Portulaca, and seeds of like size, while very fine seeds, like Lobelia and Mimulus, should scarcely be covered at all, but merely pressed slightly into the soil. After the seeds are all nicely covered, it is very important to make the soil as hard and firm as possible; then water carefully with a pot having a fine rose, so as not to wash the soil from the seeds.

Now put on the sash and keep it tightly closed until the plants begin to come up, watering often enough to keep the surface moist. Some seeds, like Aster and Zinnia, germinate, under favorable circumstances, in a few days, while others require several weeks. Geranium and Verbena seeds germinate very unevenly, some seeds coming up in a week or ten days, while some remain dormant a month or more, and the soil should be kept moist and not be disturbed for at least a month after sowing. Cover the frame with straw mats or boards at night to keep out the cold, and after the plants are up give plenty of air, during warm, sunny days. Pull out the weeds as fast as they appear, and keep the plants well thinned out, so they will grow strong and stocky. The thinnings can be saved and transplanted to another frame if desired.

Sowing in Boxes in the House.—When only a few varieties are to be sown, good plants can be grown by sowing in shallow boxes of earth, putting these in a warm, sunny window in the house, covering each box with a pane of glass to retain moisture. Never sow seeds in pots unless they are sunk up to the rims in boxes of moist earth or moss; otherwise they are apt to quickly dry out and injure the seeds or young plants.

Sowing in the Open Ground.—With care and by sowing at the proper time, plants can be grown successfully in the open ground; but not much success can be expected from sowing the small, delicate seeds in the beds where they are to flower. It is always best to sow all but a few varieties like the Larkspurs and Poppies, which do not transplant well, in a seed-bed, in the same way as directed for cold-frames. Sow the half-hardy varieties about the middle of May, in this latitude, or about the time corn is usually planted. Hardy annuals may be sown two weeks earlier, and tender annuals not until two weeks later than this. *Great care must be taken in watering and shading to prevent the surface from drying out; a few hours of hot sun in a dry time will sometimes ruin a whole bed;* and this is the most frequent cause of failure when seeds are sown in the open ground, for after a seed has sprouted, and then becomes dry, it will never sprout again, It is a good plan to spread several thicknesses of newspaper over the bed to help keep in the moisture, but they must be removed as soon as the plants begin to come up.

Transplanting.—After the plants in the cold-frame or seed-bed have obtained their second leaves and grown an inch or two, transplant to the garden, first giving the seed-bed a good soaking with water. Transplanting should be done in a showery day, if possible, but it is better to transplant in a dry time than to wait too long for rain. Make holes where the plants are to be set, fill them with water, let it soak in, then set the plant, making the soil firm about the roots; water again and cover each plant with a piece of paper held down with clods of earth; or, what is better, with a large leaf or a handful of fresh grass, which is to be removed after a few days.

A frequent cause of failure to make a good show of flowers is setting plants too thick in the beds, and before the summer is half through the vines become so crowded together they either die outright or become so much weakened in the struggle for existence, that their beauty is greatly injured. The soil for flowers, if not already rich, should be made so with fertilizers or well decayed manure. Some varieties do well in almost any ordinary soil, but do much better in a rich one.

I am thus explicit in giving directions because I know some of my customers are inexperienced in the culture of flowers,—some perhaps beginning their culture for the first time this year, and I am anxious that all who purchase even a single packet of seed should succeed as well as the most experienced gardeners.

The flowers produced from seeds are classed as Annuals, Biennials, and Herbaceous Perennials. The Annuals perfect their seed and die the first year. Biennials live two years. Herbaceous Perennials die down to the ground every year, their roots living many years. Annuals are called hardy, half hardy and tender. A hardy annual will bear a severe frost without injury; a half-hardy annual will bear considerable frost; while tender annuals are destroyed by the least frost.

ORDER FILLED.—JAN. FEB. MAR. APR. MAY

DO NOT WRITE IN ABOVE LINE, BUT FILL OUT BLANK BELOW CAREFULLY.

GOODELL'S ORDER SHEET.

Date 1887.

L. W. GOODELL,

Send the following List of Seeds, &c. to

Name, ...

Post Office, ...

County, ...

State, ...

Please keep remarks, etc., distinct from the order and allow a full line to each variety, adding more paper if needed. Write anything you wish to say at the end of the order or on another sheet. By following these directions it will enable us to fill your order with the greatest dispatch and avoid mistakes.

VERY IMPORTANT to read directions for sending money, second cover page of Catalog.

Amount enclosed by

P. O. Order, $

Postal Note, $

Cash, - $

TOTAL, - $

QUANTITY WANTED.	NAMES OF SEEDS WANTED.	PRICE. $ Cts.

Amount carried over.

ANNUALS.

In this department will be found the most showy of the flowers that adorn the garden and lawn. It embraces, besides the true annuals, some biennials and perennials that produce flowers the first year from seed. The figures on the right of the columns give the price of each variety, per packet in cents.

ADONIS: Very pretty plants with finely divided foliage, and doing well in partial shade; 12 to 18 inches tall.

æstivalis, flowers in summer; scarlet, ... 5

autumnalis, flowers in autumn; blood red, 5

AGERATUM: Pretty, hardy annual, with abundance of flowers through the season; fine for bouquets: four colors mixed, ... 5

Lasseauxii: Very fine pink flower, ... 10

ALONSOA grandiflora: Small, but exceeding brilliant scarlet flower; sow under glass; two feet tall, ... 5

ALYSSUM maritimum, (*Sweet Alyssum*): A well known hardy annual, with clusters of small, white flowers all summer; good for beds and exceedingly fine for bouquets, ... 5

AMARANTHUS: Ornamental foliage plants producing a fine effect when grown in beds or masses. The leaves are maroon, red, green and yellow, often curiously variegated. Do best in soil not too rich.

salicifolius, (*Fountain Plant*), long, narrow, wavy leaves; three feet in height, ... 5

tricolor, (*Joseph's Coat,*) red, yellow and green leaves; 2 feet 5

melancholicus ruber, blood red; 18 inches, .. 5

Henderi, maroon foliage; 2 feet, ... 10

Gordoni, bronzy maroon foliage, the top of the plants brilliant crimson; extra fine, .. 10

bicolor ruber, lower half of leaf fiery red, upper half maroon; 3 feet, ... 5

monstrosus, (*Mammoth Princes Feather,*) immense heads of blood-red flowers, ... 10

AMBROSIA mexicana: Bears graceful sprays of small white flowers, and is very valuable for bouquets, ... 5

ANAGALLIS grandiflora: Small, very brilliant scarlet, blue and lilac flowers in constant profusion; six inches tall; mixed colors, 5

ANTIRRHINUM majus, (*Snapdragon*): One of the best and most popular of the hardy perennials; blossoms abundantly all summer and until hard frosts in autumn; flowers in spikes and very brilliant. Plants may be set 8 or 10 inches apart. Ten of the best and brightest varieties mixed, ... 5

Tom Thumb, very fine; 6 inches; mixed, ... 5

ARCTOTIS breviscarpa: A fine annual with large orange yellow flowers; 18 inches tall, .. 5

ARGEMONE, (*Prickly Poppy*): Large yellow and white flowers; 2 feet, ... 5

ASPERULA azurea setosa: An exceedingly pretty hardy annual, as useful as Sweet Alyssum, producing clusters of small, light-blue, sweet-scented flowers in profusion; about 10 inches in height, and plants may stand 6 inches apart, ... 5

ASTER: The Aster is one of the best and most popular of our hardy annuals, and no garden should be considered complete without a good collection of this beautiful flower. The tall varieties should be set about a foot apart, and the little Dwarf Bouquet 5 or 6 inches. Make the soil rich and deep for Asters.

Truffant's Pœony-flowered, splendid large flowers, the petals slightly incurved; 2 feet tall; 12 colors mixed, ... 10

Collection of 18 separate colors, one packet of each color, ... 1 00

New Rose, a magnificent variety, and one of the very best; flowers large and very double, with the petals finely imbricated; 2 feet; 15 bright colors mixed, ... 10

New Rose, fifteen separate colors—white, rose and white, crimson, lilac, light blue, violet and white, white with buff center, etc., each color, ... 15

Imbrique Pompon, flower small but very double and perfect in form, of bright colors and freely produced; a very distinct and fine variety; 18 inches; colors mixed, ... 10

Imbrique Pompon, eighteen separate colors, each color, ... 15

Pompon Crown, small, very double flowers of various colors, with white centers; extra fine; mixed colors, ... 10

Cocardeau, or New Crown, a beautiful variety; flowers large, double, with white quilled centers, surrounded with flat petals of another color; 8 inches; mixed 10

Washington, flowers very double and perfect and of large size, measuring under good culture, 4 or 5 inches in diameter; 2 feet; mixed colors, ... 10

Dwarf Pyramidal Bouquet, a compact variety, with large flowers, each plant forming a perfect bouquet in itself; 10 inches tall, and one of the earliest of the Asters; 10

Newest Dwarf Bouquet, a fine variety for filling small beds, or for edging; very dwarf and compact; each plant looks like a bouquet of flowers set in the ground; 6 inches, mixed colors, ... 10

Dwarf Pœony Perfection, a new class of Asters of dwarf habit producing exceedingly double, medium sized flowers, ... 10

Lilliput-flowered, bears a profusion of small double flowers; mixed colors, ... 10

Tall Chrysanthemum-flowered, splendid large flowers resembling Chrysanthemums; mixed colors, ... 10

Dwarf Chrysanthemum-flowered, dwarf variety of the above; mixed colors, ... 10

Victoria, a splendid class, with very large and double imbricated flowers; 18 inches tall; 15 colors mixed 15

New Dwarf Victoria, one of the finest of the dwarf Asters, with very double globular flowers: mixed colors, ... 10

Pœony-flowered Globe, large, double flowers, and strong, branching plant; the earliest of the Asters; 10 colors, mixed, ... 10

Hedgehog or Needle, long, sharply-pointed petals; 2 feet; mixed colors, ... 15

Betteridge's Prize, a strong, branching plant, with regularly quilled flowers; the best quilled sort, mixed colors. 10

BALSAM: The Balsam is a magnificent half-hardy annual, the tall varieties growing some 2 or 3 feet in height, and in bloom from June till frost, the branches being completely covered with flowers which resemble roses and camelias. It is best to start the seed early in boxes or a frame. Set the plants 18 inches apart in good rich soil. The Balsam should be well pruned or the flowers are too much hidden by the foliage; a good way is to pinch off all the side branches as fast as they start, leaving only the central shoot, which will grow very tall and be completely covered with flowers.

Camelia-flowered Perfection, a new and greatly improved strain and the most double and finest in cultivation. Pure white, pink, crimson, rose, mauve, scarlet, white striped and spotted with crimson, white striped and spotted lilac and purple, crimson mottled white, pink mottled white, scarlet mottled white, all colors mixed. 10

BARTONIA aurea: Showy, brilliant golden yellow flowers, one foot tall. Sow where they are to grow. 5

BRACHYCOME iberidifolia, (*Swan River Daisy*): A very pretty little hardy annual, producing an abundance of white and blue flowers; 8 inches; mixed colors, ... 5

BROWALLIA: A very fine half-hardy annual, good for the garden and excellent for the house in winter; 18 inches tall, and plants may stand a foot apart: blue and white 5

Roezli, a new species, with azure blue and white flowers which are double the size of the old varieties; mixed colors, ... 10

AGERATUM.

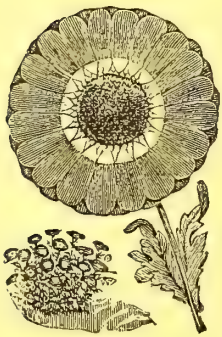
EUPHORBIA MARGINATA.

NEWEST DWARF BOUQUET ASTER.

CROWN ASTER.

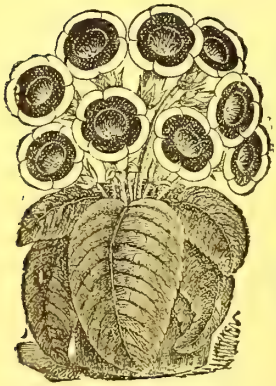
MILES' SPIRAL MIGNONETTE.

DATURA.
(1-6 natural size)



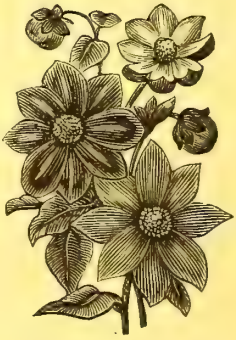
ANNUAL
CHRYSANTHEMUM.
(½ natural size.)

CLARKIA.



GLOXINIA. GRANDIFLORA.
(1-8 natural size.)

CAMELLIA FL- PERFECTION BALSAM.
(½ natural size.)



NEW SINGLE DAHLIAS.
(⅛ natural size.)

CALENDULA Meteor: One of the finest new hardy annuals introduced of late years. The flowers are very double with creamy white petals regularly and evenly edged with orange, giving the flowers a very novel and elegant appearance. Seeds may be sown either under glass or in the open ground, and the plants set a foot apart, ... 5

CALLIOPSIS: A very showy class of hardy annuals, blooming abundantly; flowers of a great many shades of yellow, orange and rich brown, often finely spotted. The plants grow from 1 to 2 feet in height, and may be set about 10 inches apart; mixed colors, ... 5

CANNA: Beautiful foliage plants, with large, broad leaves and scarlet or yellow flowers. Soak the seed in warm water for 48 hours, before sowing, and sow under glass early; many varieties, mixed 10

CANDYTUFT: An old and popular hardy annual of easy culture: makes beautiful beds and is indispensable for bouquets. Seed should be sown very early in spring, where they are to bloom, and the plants thinned to six inches. Six varieties, mixed, ... 5

Dunnetts's Dark Crimson, ... 5

New Carmine, the brightest in color of all. 10

New Dwarf Varieties, mixed; very fine, 10

CACALIA, (*Tassel Flower*). Tassel shaped, scarlet and yellow flowers; 18 inches tall; mixed colors 5

CENTRANTHUS: Very pretty plants, with large clusters of small flowers; rose color and white, mixed, ... 5

CAMPANULA speculum, (*Bell Flower*): Bears numerous small blue and white flowers. Set plants 4 or 5 inches apart; mixed colors, 5

Double, a fine double variety of the above, .. 10

CELOSIA cristata, (*Cockscomb*): A very curious half-hardy annual, blooming from July until frost They should have good, rich soil, and will well repay any extra care given them in the increased size and beauty of the combs. Set plants 15 inches apart; mixed colors, ... 5

New Japan, a very beautiful variety, the combs delicately cut, and of the brightest scarlet and crimson; 2 to 3 feet tall, ... 5

plumosa superba, an elegant variety, bearing magnificent feathery plumes of brilliant scarlet flowers; a very valuable bedding plant. Sow seed as early as possible in boxes or a frame, and set the plants a foot apart in a good rich soil. 10

CENTAUREA, (*Bachelor's Button*): A genus of very fine hardy plants, the colors varied and bright; mixed colors, ... 5

CINERARIA maritama, (*Dusty Miller*): A beautiful white-leaved foliage plant much used for bedding. Start seeds early under glass. 5

CHRYSANTHEMUM: The annual varieties of the Chrysanthemum are among the most showy of garden flowers, blooming freely all the summer. The plants grow about 2 feet tall, and seed may be sown under glass or in open ground. The flowers are both double and single, and of various shades of red, yellow, maroon, brown and white. All colors mixed, ... 5

CLARKIA: Fine and pretty hardy annual, blooming profusely in early summer. Sow seed in the open ground where they are to bloom as soon as possible, and thin plants to 5 or 6 inches apart. The colors are purple, rose, crimson, white, magenta, magenta edged white, &c. Finest mixed, double and single, of every shade 5

CLEOME speciosissima, (*Spider Flower*). fine plants with large clusters of rosy flowers: 18 inches tall, ... 5

COLLINSIA: Fine hardy annual 18 inches tall; with rose, white and purple flowers in large whorls; mixed colors, ... 5

CONVOLVULUS minor, (*Dwarf Morning Glory*): One of the prettiest of hardy annuals, producing an abundance of flowers through the summer and autumn. The plants are of spreading habit, and may be set 15 inches apart. Blue, white, lilac, &c., mixed, 5

Mauritanicus, very pretty for hanging baskets, ... 10

CREPIS: A desirable annual with good double yellow, pink and white flowers; 1 foot in height; mixed colors, ... 5

DATURA: Large branching plants about two feet tall, with magnificent yellow, violet and white trumpet-shaped, sweet-scented flowers from 7 to 9 inches long. Start the seeds as early as possible under glass. Double and single, five varieties mixed, ... 10

DAHLIA: This popular flower is easily grown from seeds, which germinate as freely as Aster or Zinnia seeds, and if started early in a frame or in boxes in the house, bloom almost as early as plants from the tubers, and frequently produce as fine flowers. Seeds saved from a large collection of the finest named double varieties. 20

New Single: The new single varieties of Dahlia have become very popular and can be highly recommended for bedding, and are especially valuable for bouquets. They bloom very freely and are of all the colors of the double varieties. Finest mixed, from the largest and best collection in Europe. 15

Zimpani, a very singular species of Dahlia with small single flowers of a dark maroon color, almost black, ... 10

DELPHINIUM (*Larkspur*): Very fine and showy hardy annuals, with long spikes of flowers, and of the easiest culture. Sow as early in the spring as possible in the open ground and thin to 8 inches apart. Ten of the finest double varieties and colors—all mixed, 5

formosum, a splendid hardy perennial, producing spikes of flowers which are of one of the most beautiful shades of blue known in flowers: 2 feet. 5

DIANTHUS: These are commonly called China and Japan Pinks, and are among the most beautiful flowers now grown. The colors are very rich and varied, and the flowers are produced abundantly all the first summer, and often the second season quite as well as the first. They grow 10 to 15 inches high, and may be set 10 inches apart Seed germinates readily in the open ground or under glass. My collection of these is the largest and finest in America and was awarded the First Prize by the Massachusetts Horticultural Society the past two years.

Chinensis, (*China Pink*): small double flowers in large clusters: mixed colors, ... 5

Chinensis albus fl.-pl., double white, ... 5

nanus roseus fl.-pl., rose color; extra fine, 10

imperialis, (*Imperial Pink*), double mixed.. 5

imperialis albus, fl.-pl., double, white,.. 5

Heddewigi, magnificent single flowers from 2 to 3 inches across and of the richest colors; mixed colors. 10

Heddewigi fl.-pl., double, mixed colors,... 10

atropurpurius fl.-pl., very large, rich dark red double flowers. 10

albus fl.-pl., large, double, white, ... 10

nanus albus fl.-pl., very dwarf, with large double white flowers. 10

nanus coccineus fl.-pl., dwarf, deep blood red, ... 10

diadematus fl.-pl., (*Diadem Pink*), large double flowers of the most brilliant markings and rich, dazzling colors; mixed colors, ... 10

Eastern Queen, very large, white, beautifully marbled with rose and crimson; extra fine, ... 10

Crimson Belle, very large flowers of the richest, deepest crimson; splendid sort..... 10

laciniatus, large, single flowers with deeply fringed edges, ... 10

laciniatus fl.-pl., magnificent large, double and deeply fringed flowers: mixed colors,. 10

laciniatus atrosanguineus fl.-pl., large, double, dark blood red fringed flowers,.... 10

atroviolaceus fl.-pl., dark violet, double,.. 10

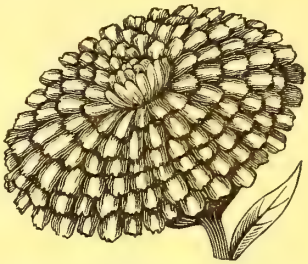
striatus fl.-pl., double striped; extra,..... 10

pumilus, neat dwarf variety, mixed colors, 5

nanus fl.-pl., very fine dwarf, double variety, mixed colors. 10

All the above in splendid mixture, ... 10

ASPERULA AZUREA SETOSA.



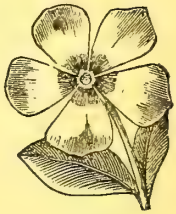
NEW CALENDULA METEOR.

ANTIRRHINUM. (Snapdragon.)

COCKSCOMBS.

DOUBLE DAISY.

VINCA.



ABUTILON. (Flowering Maple.)

HELIPTERUM SANFORDI.

AMARANTHUS.

FLOWER OF ROSE ASTER. (½ natural size.)

DIDISCUS cæruleus: An elegant annual two feet high with umbels of sky blue flowers. Sow under glass. 5

DOUBLE DAISY, (*Bellis perennis*): A well known hardy little flower. Seed should be sown as early as possible, and the plants set 4 or 5 inches apart, in a cool, shady place. Best German seed, mixed colors,..... 15
Double White, extra fine,..... 15
Longfellow, a new variety with large red flowers..... 20

ERYSIMUM: Showy hardy plants 18 inches tall, with spikes of yellow and orange flowers; excellent for cutting,..... 5

ESCHSCHOLTZIA, (*California Poppy*): A very showy hardy annual with bright yellow, orange and white flowers. Sow seeds early where they are to bloom ; mixed colors,..... 5

EUPHORBIA marginata, (*Snow on the Mountain*): A fine foliage plant, the leaves on the top of the plants margined with pure white : 18 inches tall..... 5

GAILLARDIA, (*Blanket Flower*): An excellent bedding plant, of good habit and plenty of red, orange and white flowers all summer; about a foot in height, and plants should stand 15 inches apart ; mixed colors,..... 5

GODETIA : Fine, hardy plants with a profusion of showy flowers. Do best when sown where they are to flower, and thinned to 8 inches apart : mixed colors..... 5

GRAMMANTHES gentianoides: A charming profuse-flowering little annual, useful for baskets or rock work ; reddish-orange, 10

GILIA : Very pretty for masses or clumps. Sow where they are to grow and thin to 4 inches; mixed colors..... 5

GYPSOPHILA: Very pretty hardy annuals, bearing numerous and very graceful sprays of small flowers ; very fine for beds or border, and indispensable for bouquets.
elegans, white and rose, mixed..... 5
muralis, dwarf, with beautiful pink blossoms 5

HELIANTHUS (*Sunflower*), finest double varieties, mixed..... 5
"Oscar Wilde," the true Newport corsage Sunflower 5

HIBISCUS Africanus: Large, showy flowers, cream color, with black center,..... 5

KAULFUSIA: Pretty plants of dwarf growth, and daisy like ; small, white, blue and pink flowers..... 5

LEPTOSIPHON: Low-growing, pretty, hardy annual with a profusion of small flowers. Sow early in spring ; mixed colors..... 5

LINARIA: A free-flowering, hardy annual, with spikes of brilliantly-colored flowers 1 foot tall ; transplant or thin to 6 inches; purple, orange, yellow, &c., mixed..... 10

LINMANTHES Douglasi: An exceedingly pretty hardy annual, with handsome daisy-like flowers, canary yellow with a broad white margin ; 6 inches tall..... 5

LINUM grandiflorum rubram (*Scarlet Flax*). Showy, Phlox-like flowers ; 1 foot.... 5

LOBELIA ; Beautiful hardy annuals, bearing a great number of small richly-colored flowers. Exceedingly fine for baskets or edging to beds. About 6 inches in height, and plants should be set 4 or 5 inches apart.
speciosa, sky blue, white eye,..... 10
erinus compacta, ultra-marine blue,..... 10
gracilis rosea, rose color,..... 10
marmorata, white, with sky blue border,... 10
Finest mixed, 8 varieties,..... 5
cardinalis, (*Cardinal Flower*): A splendid hardy perennial, with spikes of brilliant dark scarlet flowers, blooming the first season if sown early under glass, 2 feet,..... 5

LUPINUS: The annual Lupins are very showy plants with long spikes of pea-shaped flowers of various shades of blue, purple, yellow and white. Plant where they are to grow; 20 sorts mixed..... 5

LYCHNIS: Handsome and showy hardy perennials. Sow seeds early.
Chalcedonica, scarlet and white mixed,... 5
grandiflora, very large and brilliant ; 10 inches tall ; scarlet, vermillion, rose, orange, white, &c., mixed,..... 10

MALOPE GRANDIFLORA: A splendid hardy plant with large purple and white flowers. Sow seeds early ; two feet tall,..... 5

MARIGOLD: For masses of yellow there is nothing finer than the Marigold. The African are tall, with large flowers, and the French varieties bear numerous small, double flowers, often finely striped with brown.
African Marigold, finest mixed,..... 5
French Marigold, tall sorts, finest mixed,. 5
French Marigold, Dwarf sorts, finest mixed, 5
signata pumila, a very showy plant, growing about 2 feet tall, as round as a ball and completely covered with hundreds of small single flowers of a bright yellow..... 5
signata pumila, (*Golden Ring*): Like the above, except that it is of dwarfer growth, and the flowers are of a rich golden yellow with orange center. The finest of all for bedding... 5

MESEMBRYANTHEMUM crystallinum (*Ice Plant*): A curious half hardy annual. The leaves look as though covered with crystals of ice: of trailing habit ; very fine for baskets,..... 5
cordifolium variegatum, (*variegated Ice Plant*), yellowish green leaves,..... 10

MIGNONETTE, Sweet, (Resedia odorata) : Well known fragrant, hardy annual..... 5
Miles' New Spiral, has proved one of the best. The plants are of a compact habit, with long spikes closely set with flowers. Plants should stand at least 18 inches apart to become fully developed,..... 10

MIMULUS, (*Monkey Flower*): Very free-flowering low plants with elegantly spotted flowers ; splendid for house culture and good in the garden. Sow seeds in the house.
hybridus tigrinus, splendidly spotted,.... 10
tigrinus albus, white ground spotted crimson,..... 10
tigrinus, fl.-pl., double, brilliant yellow, spotted, striped and mottled with crimson, 10
moschatus (*Musk Plant*), yellow,..... 10

MIRABILIS Jalapa: This old garden favorite, popularly called Marvel of Peru and Four O'clock, is one of the most ornamental of flowering plants, resembling in its habit of growth and form of its bright and varied colored flowers, the beautiful Chinese Azaleas; 2 feet tall ; 8 varieties mixed..... 5
longiflora (*Jockey Club*), very long, white and purple sweet scented flowers,.. 5

MOLUCCELLA Lævis, (*Shell Flower*): A very singular hardy annual, a native of Syria, with curious shell-like flowers..... 10

MYOSOTIS, (*Forget-me-not*): Well known hardy perennials, with clusters of small delicate flowers. Bloom first season if sown early.
alpestris, blue, white, and rose mixed,..... 5
alpestris grandiflora, very large, sky blue, 10
palustris, (*Common Forget-me-not*), white and blue..... 5
semperflorens, splendid new large-flowered variety of the last..... 10
flore albo, large white flowers,..... 10
sylvatica, (*Cliveden Forget-me-not*), deep blue,
dissitiflora, large, dark blue ; splendid for bedding,..... 15
Azorica, cœlestina, sky blue,..... 10

NEMOPHILA: A very pretty hardy annual, producing a profusion of small white and blue, edged and spotted flowers ; about 6 inches high. Sow seed as early in the spring as possible, in a cool, shady place, and thin the plants to 5 inches apart ; 8 colors mixed, 5

NIGELLA : Very curious hardy annuals with large, showy blue and white flowers and finely divided leaves ; mixed colors,..... 5

NYCTERINIA : Small plants with very pretty star-shaped, sweet-scented flowers; mixed colors..... 5

NIEREMBERGIA: Profuse-blooming little plants, with white, lilac shaded flowers ; fine for house culture, small beds or edgings..... 10

OBELISCARIA pulcherrima : showy plants. with large velvety-crimson flowers, edged with yellow,..... 5

CONVOLVULUS MINOR.
(Dwarf Morning Glory.)

SALPIGLOSIS (Velvet Flower).

CALIOPSIS.

DOUBLE PORTULACA.

PHLOX DRUMMONDII.

MIMULUS TIGRINUS.

MAURANDYA.

MIRABILIS JALAPA.
(Four O'clock.)
½ natural size.

GAILLARDIA LORENZIANA.
(¼ natural size.)

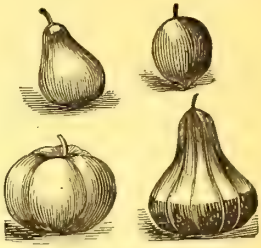
PANT OF RICINUS (Castor Oil Bean.)

NICOTIANA AFFINIS.
(¼ natural size.)

ŒNOTHERA, *(Evening Primrose):* Showy, hardy plants, which open their flowers suddenly about 6 o'clock in the evening.
acaulis alba, a very dwarf plant, producing exceedingly beautiful pearly-white flowers, about 4 inches across, ... 5
Lamarckiana grandiflora, produces an abundance of long, yellow flowers, 4 inches across: very showy, hardy biennial, blooming first season if sown early, ... 5
OXYURA: chrysanthemoides, A remarkably fine and very hardy plant, with daisy-like lemon yellow flowers, edged with white, 1 foot in height 5
PALAFOXIA Hookeriana: Rosy crimson, dark-centered flowers; fine, ... 5
PANSY: The Pansy is one of the most beautiful and popular flowers in cultivation. It may be called a perpetual bloomer, for a bed is never without flowers while the ground remains open, though they are usually small during the heat of the summer. There is no danger of making the soil too rich for Pansies, and they should have an abundance of water if large flowers are wanted. Plants from spring sown seeds produce their largest flowers in the autumn of the first and spring of the second year, after which the plants become exhausted, and new ones should be obtained from seed.
Pansy, common mixed, a fine variety, ... 10
Diamond strain, the finest ever offered. See novelty list for description and prices.
PERILLA Nankinensis: A dark leaved foliage plant of great beauty, resembles the Coleus, and is easily grown from seed; leaves dark purple or deep mulberry; 18 inches tall, 5
PETUNIA: Few flowers equal the Petunias for a brilliant display. They are very hardy and of the easiest culture, and their flowers are produced in profusion from June until hard frosts in autumn; fine varieties mixed, 10
Emperor strain, see novelty list.
Double: The double Petunia bears no seed, and seed that will produce a fair proportion of double flowers is produced by crossing the single flowers with the double, which is a slow and expensive process. Seed should be sown in a frame or boxes, *and particular care taken to save the smallest, weakest plants, as these are the ones that produce the finest double flowers.* Packets of about 50 seeds, first quality, ... 25
Double fringed, produces from 10 to 25 per cent. of large, double and beautifully fringed flowers Packet of 50 seeds, ... 35
PHACELIA: Fine hardy annuals; excellent for cutting for bouquets; blue and white, 5
PHLOX DRUMMONDII: This is without exception, the most brilliant and beautiful annual in cultivation, and no garden, however small, should be without it. A bed of these plants will be completely covered with flowers from June until hard frost in autumn. For a bed on the lawn, where a continuous display is required, nothing can be finer. Fifteen inches tall. Plants should be set a foot apart if the soil is rich; if nearer they are apt to mildew, which injures the flowers.
Pure white, ... 10
Brilliant Crimson, ... 10
Blood Purple, very dark, ... 10
Light Yellow, ... 10
All colors mixed, 15 varieties, ... 5
grandiflora, a great improvement on the common varieties, the flowers being larger and of round perfect form; 15 colors mixed, 10
grandiflora, 15 separate colors,—white, crimson, crimson with white eye, dark purple with white eye, dark purple striped with white, rose with white eye, white with dark eye, scarlet striped white, carmine with large white eye, etc., each color, ... 15
POLYGONUM orientale, *(Princes Feather):* An old, very showy plant from 5 to 8 feet tall, bearing graceful, drooping painicles of red and white flowers; mixed colors, ... 5
POPPY, *(Papaver):* This old and well known flower, like many other old fashioned flowers, has been much improved of late, and those who have not seen the modern varieties would be surprised at the great improvement made. The flowers are now as large and showy as Peonies, very double, and of great variety of colors; choicest mixed, of every variety and shade, ... 5
umbrosum, a new variety, with large, showy, single flowers of an intense scarlet color; with a large coal black spot at the base of each petal 10
Danebrog, or Victoria Cross: Another new sort, bright scarlet, with a large white spot at the base of each petal, forming a white cross on scarlet ground, ... 10
PORTULACA, grandiflora; For brilliant, dazzling colors, nothing can excel a bed of Portulaca when in full bloom. The colors are numerous, and produced in profusion all summer. Easily transplanted at any stage of its growth, even when in full flower. The seed germinates slowly, requiring considerable heat, and care must be taken that the surface does not get dried out, which will surely ruin the seed. Seed often fails to germinate from this cause, especially when sown in the open ground. Ten colors mixed, ... 5
Double rose-flowered: A perfectly double variety of the above, the flowers closely resembling small roses. Everybody who sees a bed in bloom is delighted with it. About one-half of the plants from seed of first quality will usually produce double flowers. To make a bed of all double flowers, set plants when small 3 inches apart, and as soon as they show flower transplant the double ones to a bed where they are to bloom, setting the plants 8 inches apart. Eight fine colors mixed, first quality, ... 10
RICINUS, *(Castor Oil Bean):* A class of ornamental foliage plants of great beauty and quite a tropical appearance: leaves very large, sometimes 2 feet in diameter; fine as single specimens, or in small groups. Plant the seed in the open ground about the middle of May, in this latitude, and give the plants good rich soil and plenty of room. Five varieties mixed 10
SALPIGLOSSIS, *(Velvet Flower):* An exceedingly fine hardy annual that deserves more extended culture than it receives. The flowers are bell-shaped, of very rich and varied colors, the texture of the petals resembling the richest velvet. About 2 feet tall and the plants should be set or thinned to 8 inches apart. Do best in sandy soil; all colors, mixed, ... 5
grandiflora, a new variety, with flowers twice the size of the old, and of a great variety of rich colors: mixed colors, ... 10
SALVIA, *(Flowering Sage):* Very beautiful half-hardy plants, remarkable for the brilliancy of their colors. Sow seed early in a frame, or the house, if possible, and transplant 15 inches apart after the weather has become warm, ...
splendens, large flowers in long spikes, and of the brightest scarlet, ... 10
coccinea splendens, scarlet, large and showy, ... 5
patens, produces the most beautiful shade of blue known in flowers. Plants may be cut back to the ground in the fall and the roots potted for the house, ... 25
SEDUM, *(Stone Crop):* Very interesting plants bearing a profusion of star-shaped flowers: very fine for rock and rustic work, ... 10
SCABIOSA, *(Mourning Bride):* This old hardy annual deserves a place in every garden, being very showy and of a great variety of colors, ranging from white to almost black. For cutting for bouquets there is nothing finer. Plants should be set a foot apart.
Double Tall: 18 inches; mixed colors, ... 5
Double Dwarf: 1 foot; extra fine: mixed colors 5
New Golden-leaved, yellowish green foliage, 10
SENECIO elegans, fl.-pl., *(Jacobea):* A beautiful annual with double flowers of various colors and of easy culture: mixed colors, 10
SAPONARIA Calabrica: Very fine free-flowering dwarf plant, with small white and pink flowers; mixed colors, ... 5

SCHIZANTHUS

SHELL FLOWER.



ORNAMENTAL GOURDS.

HELICHRYSUM

WHITLAVIA.

IMBRIQUE POMPON ASTER.

VERBENA HYBRIDA.

TEN WEEKS STOCK.

AQILEGIA CÆRULEA (Rocky Mountain Columbine).

DOUBLE ZINNIA (½ natural size).

SCHIZANTHUS, *(Butterfly Flower):* An exceedingly pretty half hardy annual, growing about 2 feet in height, and literally covered with small, curiously spotted and mottled flowers, resembling small butterflies; 10 varieties mixed,..... 5

SENSITIVE PLANT, *(Mimosa pudica):* A tender annual of spreading habit, with pretty foliage: the leaves, when touched, suddenly close and droop in a most curious manner,.. 5

STOCK, Ten Weeks: Beautiful and popular hardy plants, with splendid spikes of double fragrant flowers. Seed germinates easily either in the house or garden. If transplanted, do so when the plants are quite small, setting them a foot apart. Best German seed. 15 colors mixed..... 10

15 colors, separate, white, rose, crimson, carmine, blue, purple, yellow, ash color, &c., *each color*..... 15

Collection of 18 colors, in separate packets. 1 25

SILENE armeria *(Lobel's Catchfly):* a pretty plant with clusters of pink and white flowers: fine for cutting..... 5

STOCK, Virginian, *(Cheiranthus maritimus):* A very profuse blooming hardy annual of easy culture, with a profusion of small white, yellow and red flowers: 8 inches tall; mixed colors..... 5

TROPŒOLUM minus, *(Nasturtium):* A splendid class of half-hardy, annuals, with flowers of many shades of yellow, orange, and often finely spotted. They make very brilliant beds, and flower best in rather poor soil; 10 inches in height; set plants 10 inches apart; 9 varieties mixed..... 5

Nine colors separate, sulphur spotted with maroon, orange and vermilion, yellow, rose, crimson, maroon, scarlet, ruby red, light red, light yellow *each color*,..... 10

Empress of India, a variety of a deeper, more brilliant scarlet color than any other; dark foliage..... 10

VERBENA: One of the best and most popular bedding plants in cultivation. Plants grown from seed flower better and make stronger, healthier plants than from cuttings, and are often quite fragrant. A seedling Verbena, if given good, rich soil, will cover a space of 4 or 5 feet in diameter, and be a mass of flowers all through the season. Start the seeds as early as possible, and set the plants at least 18 inches apart.

hybrida, saved from my collection, containing more than a hundred varieties of every shade known in the Verbena,..... 10

Pure White, always true to color..... 15

cærulea, blue shades mixed,..... 15

coccinea, red shades mixed..... 15

Scarlet, finest scarlet and bright red shades mixed: true,..... 20

auriculæflora, finest large-eyed varieties, 20

striata, various colors and finely striped, 15

Montana, a hardy perennial species with a profusion of rosy purple, very fragrant flowers..... 10

VENIDIUM calendulaceum: A showy annual of dwarf habit, with golden yellow flowers..... 5

VISCARIA: A handsome hardy annual a foot tall, with various-colored flowers; mixed colors..... 5

VINCA: A splendid house and bedding plant with Phlox-like flowers and glossy green leaves; sow seeds early under glass; 18 inches tall.

rosea, fine rose color..... 10

rosea alba, very handsome, white with rosy eye..... 10

WHITLAVIA: A profuse blooming hardy annual of low spreading growth, with very pretty bell-formed blue and white flowers. 5

ZINNIA, Double: A magnificent half hardy annual, producing an abundance of flowers, which are as large and double as the Dahlia, the same flower keeping in perfection two months. Plant branching about 2 feet in height. Set plants 18 inches apart; eight fine colors mixed..... 10

Six colors separate,—white, rose, scarlet, salmon, purple, yellow,—each color,..... 10

CLIMBING PLANTS.

The annual climbers are very useful for covering arbors, verandas, fences, etc., which they will do in a very short time. Support should be furnished as soon as they begin to run.

ABOBRA viridiflora: Highly ornamental, bearing small scarlet fruits; 10 feet,..... 10

BRYONOPSIS laciniosa: Elegant foliage and small, green-striped fruits, turning to red, striped with white; 10 feet,..... 5

CALAMPELIS scabra: A beautiful plant with racemes of bright orange flowers. Sow seeds under glass; 6 feet tall,..... 5

CARDIOSPERMUM halicacabum, *(Balloon Vine):* Very ornamental, with singular inflated, balloon-like seed capsules. Sow under glass: 5 feet..... 5

COBŒA scandens: A beautiful half-hardy plant, growing 20 or 30 feet in a season; flowers large, purple, bell-shaped. Start the seeds as early as possible in the house, *and set them edgewise, and do not water unless the earth gets very dry,* otherwise they are apt to rot,..... 10

alba, a rare and beautiful white variety of the above..... 20

CONVOLVULUS major, *(Morning Glory):* A well-known and very popular hardy climber of rapid growth, with splendid large flowers of a variety of colors; all colors mixed,..... 5

COCCINEA Indica: Very handsome ivy-like, smooth, glossy leaves, and large, white flowers, which are followed by deep scarlet fruits: 8 feet..... 10

CUCUMIS dipsaceus: An interesting climber with oval yellow fruits; 10 feet,..... 10

CYCLANTHERA explodens: A rapid-growing climber, with pretty, oval fruits, which explode with a noise when ripe..... 10

DOLICHOS lablab, *(Hyacinth Bean):* A good climber, with purple and lilac flowers,.. 5

ECHINOCISTIS lobata: A very strong, rapid-growing climber, with ivy-like leaves and large clusters of whitish flowers in profusion all summer. Seed must be planted in the fall, or well soaked in warm water,..... 10

IPOMŒA: One of the best of the climbers, with splendid large flowers resembling the Morning Glory, but much larger and of more brilliant colors: mixed colors..... 5

Quamoclit, *(Cypress Vine):* Elegant foliage and small, bright scarlet and white flowers. Soak the seed well in hot water and sow under glass early; mixed colors,..... 5

hederæfolia, *(New Ivy-leaved Cypress Vine):* bright scarlet flowers in great profusion,... 10

LOPHOSPERMUM Hendersoni: One of the finest of climbing plants, with bell-shaped rosy carmine flowers: 6 feet,..... 10

MAURANDYA Barclayana: A beautiful climber, with bell-shaped flowers and neat, abundant foliage; 6 feet; mixed colors..... 10

MUKIA scabrella: A fine climber, of rapid growth, with heart-shaped leaves and scarlet berries.

ORNAMENTAL CUCUMBERS: Very fine climbers with highly ornamental fruits of various curious forms and colors. Balsam Pear, Balsam Apple, Gooseberry-formed, Serpent-fruited, and several other sorts,..... 10

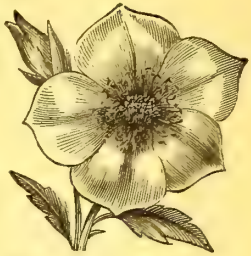
ORNAMENTAL GOURDS: Rapid-growing climbers, producing some of the most elegantly colored and singularly formed of all fruits. Plant in rather poor soil. Orange, Lemon, Apple, Pear-formed, and may other sorts mixed..... 5

Japanese Nest Egg, a new variety of Gourd having highly ornamental fruits that so nearly resemble hens' eggs in size, form and color, that even the "biddies" are deceived. When ripe they will not freeze or break, snd make the best nest eggs. Plant in rather poor soil, and treated like squashes. If soil is rich they grow too large,..... 10

PHASEOLUS coccinea *(Scarlet-Runner Bean):* Well-known climber, with brilliant scarlet flowers,..... 5

SEEDLING GLADIOLI.

JAPAN PINK, EASTERN QUEEN.
(⅛ natural size.)



BARTONIA AUREA.

CALCEOLARIA.

NEW MARIGOLDS.

SOLANUM CAPSICASTRUM.
(Jerusalem Cherry.)

IMPROVED POPPIES.

DOUBLE DIANTHUS (Japan Pink).

IMPROVED SWEET WILLIAM.
(½ natural size.)

SWEET PEAS: A well-known and very fragrant hardy annual. Plant in rows or clumps, 4 inches deep, as early in the spring as possible, and furnish support as soon as up. 12 colors, mixed, per lb., $1.00; per oz., 10 cts. packets, ... 5

Twelve colors separate.—White, pink and white, blush, purple, dark red, scarlet invincible, purple striped, black, light blue and purple, blue-edged, scarlet striped white, pink,—*each color*, per oz, 15 cts; pkt., ... 10

Collection of 12 colors, one packet of each, 75 cts. .....

THUNBERGIA: A very ornamental free-flowering, tender annual; exceedingly fine for baskets, and does well in the garden: sow seed in a frame or boxes; 4 feet; mixed colors. 10

TROPŒOLUM majus: One of the very best and easiest grown of the climbers, succeeding in any garden soil. The flowers are of many shades of yellow and scarlet, striped and spotted. 11 colors mixed, ... 5

Eleven colors separate,—crimson, scarlet, orange, brownish lilac, chocolate, yellow, scarlet-striped, light yellow, straw color spotted, purple-violet, maroon,—*each color*, 10

peregrinum (*Canary-bird Flower*): bears a profusion of small, bright yellow flowers; very fine; 15 feet. 10

Lobiannum, a beautiful species, with very brilliant flowers of various colors, especially fine for house culture, and good in the garden, ... 10

VICIA Gerardi: a very pretty climber with violet flowers. 5

EVERLASTING FLOWERS.

The Everlasting Flowers are a very valuable and beautiful class, keeping their natural form and color for many years. The flowers should be cut when in the bud, or as soon as they begin to open, and hung up in small bunches so that the stems will dry straight. They may then be worked up into small bouquets, wreaths, baskets, etc., and make beautiful ornaments for the parlor. Plants of all the varieties may be set about ten inches apart.

ACROCLINIUM roseum: One of the most beautiful of the Everlastings; bright rose color and white: mixed colors. 5

AMMOBIUM grandiflorum: This is a valuable addition to the Everlasting flowers, being double, pure white and twice the size of the old variety, ... 5

GOMPHRENA globosa, (*Globe Amaranth*): The best known of the Everlasting flowers. Do not pick until the flowers are fully grown. Mixed colors. 5

HELICHRYSUM monstrosum: One of the very best and most showy of the Everlastings; flowers very large and double and of many bright colors; 2 feet; mixed colors. 5

HELIPTERUM Sanfordi: A very choice variety, each plant bearing a good many large clusters of small, rich golden-yellow flowers, 10

RHODANTHE: Very elegant and delicate rose-colored, white and maculated flowers; mixed colors. 10

XERANTHEMUM: Purple and white double bell-shaped flowers; mixed colors, ... 5

ORNAMENTAL GRASSES.

The Ornamental Grasses are very useful for working up with the Everlasting Flowers. Sow in the open ground early in the spring. They should be cut when in bloom. Tie up in small bunches, and dry in the shade.

25 finest Annual sorts, mixed, ... 10

15 finest Perennial sorts, mixed, ... 10

ERIANTHUS Ravennæ: A beautiful hardy perennial grass, growing 10 feet in height, with elegant plumes of flowers a foot in length; very fine as single specimens for lawns; blooms second season 10

PERENNIALS.

The varieties under this head mostly flower in the spring and summer of the second year, from seed, and most of them continue in perfection for many years. Seeds may be sown at any time in the spring, and as they mostly require two or three weeks to germinate, particular care should be taken to keep the ground entirely shaded from the sun and well watered until they come up. Set the plants a foot apart in any unused corner of the garden the first year, and transplant to the beds where they are to bloom, early in the fall or spring. It is well to protect them during winter with a slight covering of leaves, straw, or evergreen boughs.

ADLUMIA cirrhosa, (*Mountain Fringe*): A very fine biennial climber, with graceful foliage and clusters of small tubular pink flowers; 8 feet, ... 10

purpurea, purple flowers; very fine, ... 10

ACONITUM napellus, (*Monkshood*): Showy plants, doing well in shade; blue and white, 5

ANEMONE Japonica alba: Splendid autumn blooming plant with large white flowers, ... 25

ARMERIA maritima, (*Sea Pink*): Very hardy plant largely used for edging; rosy pink; 6 inches, ... 10

AQUILEGIA, (*Columbine*): An old, hardy perennial, producing fine flowers of a great many colors; 30 varieties mixed, ... 5

cærulea, flowers 2 or 3 inches in width and as much or more in length; sky blue with white centers; 3 feet tall. This and the following are the finest of all the Aquilegias, ... 10

chrysantha, like the above except in color, which is a beautiful canary yellow; remains in bloom a long time, ... 5

CAMPANULA: These are among the best of the perennials, with large bell-shaped flowers, white, rose, blue, etc.

Medium, (*Canterberry Bell*), double and single mixed; eight colors. 5

calycanthema, a new and beautiful variety, with the calyx the same color as the corolla, 10

grandiflora, very large open flowers of a beautiful light blue, remaining in bloom half the summer; 2 feet, ... 10

grandiflora alba, white; very fine, ... 10

persicifolia fl.-pl., double pink flowers, ... 15

Carpatica, blue and white mixed, ... 5

CEDRONELLA cana: Long spikes of purple flowers and fragrant foliage; 2 feet, ... 10

CHAMÆPEUCE Casabonæ, (*Fishbone Thistle*): Glossy white-veined leaves and brown spines, ... 10

CHELONE barbata: An elegant plant with long racemes of scarlet Pentstenon-like flowers; 3 feet tall, ... 10

CARNATION, (*Dianthus caryophyllus*): The most magnificent of the Pink family, ... 10

Choicest mixed, German seed, from named flowers only. 25

DIANTHUS plumarius, the old original fragrant Clove Pink, ... 5

plumarius fl.-pl., a fine double variety of the above. 15

DELPHINIUM, (*Perennial Larkspur*): For a mass of blue there is nothing that will equal in richness and brilliancy the Perennial Larkspurs; finest mixed. 5

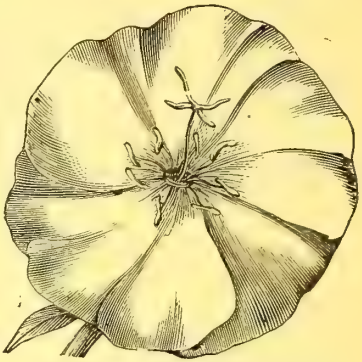
Double: finest double varieties mixed. 15

nudicaule, a beautiful new scarlet species, . 10

TRITOMA GRANDIFLORA.

ACROCLINIUM.

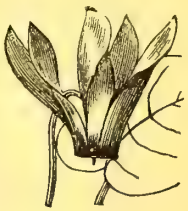
OXALIS.



ŒNOTHERA (Evening Primrose).

CINERARIA GRANDIFLORA. (½ natural size.)

EMPEROR PETUNIAS (Laced-edged Section). (Much reduced in size.)



CYLAMEN.

COLEUS.

CHINESE PRIMROSE.

CHINESE YAM, OR CINNAMON VINE.

SUPERB DOUBLE HOLLYHOCK. (⅛ natural size.)

DIGITALIS, (*Foxglove*): A very fine perennial, with very long racemes of drooping bell-shaped flowers ; 3 feet ; mixed colors, 5
Ivery's New Spotted, a great improvement on the older sorts, 10
HEDYSARUM coronarium: Racemes of pea-shaped scarlet and white flowers ; very fine; mixed colors, 5
HESPERIS matronalis, (*Sweet Rocket*): Large clusters of sweet-scented white and purple flowers ; 3 feet, 5
HIBISCUS coccineus: A magnificent perennial with large scarlet flowers, 4 inches across. Requires protection in the northern states during winter ; 6 feet tall, 10
HOLLYHOCK, (*Athea roseu*): The most showy of all the perennials ; fine mixed, double 10
IBERIS sempervirens, (*Perennial Candytuft*): Very desirable perennial, bearing clusters of white flowers in May and June, 10
IPOMOPSIS, (*Summer Cypress*): A beautiful plant, with finely divided leaves and long spikes of scarlet and yellow flowers ; 3 feet tall ; mixed colors, 5
IRIS Kæmpferi, (*Japan Iris*): This new Iris, from Japan, is the most magnificent of all the Iris family. The flowers are from 5 to 8 inches in diameter, white and many shades of rich blue and purple, often blotched and laced with yellow and white. Easily grown from seeds, which germinate in 3 to 4 weeks ; mixed colors, 10
LINUM perenne, (*Perennial Flax*): Very graceful and handsome ; blue, yellow, white, rose, &c., mixed, 5
LUPINUS, (*Lupins*): Very showy plants, 2 to 8 feet tall, with large spikes of pea-shaped flowers of many shades of blue, yellow and white ; 15 varieties mixed, 10
LUNARIA biennis, (*Honesty*): An old plant with purple flowers and curious silvery seed pods ; very useful for winter bouquets; 2 feet, 5
LATHYRUS latifolius, (*Perennial Pea*): A fine perennial climber, with large clusters of red and white flowers, 10
PAPAVER, (*Perennial Poppy*): Very showy scarlet and orange flowers, 4 inches across with large black blotches, 5
PINK, Florist's or Paisley: Very beautiful and fragrant, small double flowers ; choicest mixed, from Turner's celebrated collection, 50
POTENTILLA: These are very popular in England and should be grown more in this country. The flowers are of very brilliant and varied colors and freely produced for a long time ; 1 foot; double mixed, from a choice collection, 15
PRIMULA, (*Polyanthus or Primrose*): A very interesting and beautiful class of spring-blooming flowers. Seeds require from 4 to 6 weeks to germinate, and must be sown under glass.
elatior, choicest mixed from named flowers, 15
Duplex, splendid double varieties, 20
Gold-laced, yellow-edged flowers; very fine, 20
PYRETHRUM roseum, (*Insect Powder Plant*): A fine, hardy plant, with large Daisy-like flowers of different shades of red. The insect powder of commerce is the dried and powdered petals of the flowers; mixed colors, 10
Parthenium fl.-pl., (*Double Feverfew*) 5
parthenifolium aureum, (*Golden Feather*) 5
PENTSTEMON: One of the best of the perennials, the flowers in long spikes of very bright scarlet, rose, yellow, etc.; mixed colors, 10
PERENNIAL PHLOX: The Perennial Phlox is the best hardy perennial we have, and is especially fine for city gardens, as it does well in partial shade. If fresh seed is sown in the open ground late in the autumn, it will germinate freely early in the spring, and flower the same season. Fresh seed saved from about 40 choice sorts, sent in October and November only, 20
SWEET WILLIAM, (*Dianthus barbatus*): The Sweet William is an old and well known flower, and has been much improved of late years, the trusses and flowers being larger and of a greater variety of rich and beautiful colors.
Carter's Auricula-eyed, large white centers, bordered with various shades of richest red, crimson, maroon, &c.; extra choice, 10
Double White: new, 10
Double varieties mixed, a very fine strain, 10
Dunnett's Dark Crimson, a splendid sort of the deepest crimson or maroon, almost black, 5
Dunnett's Dark Crimson, Double: splendid, 10
Hunt's Perfection, very rich colors bordered and edged with white, 10
Hunt's Perfection, double, beautiful double varieties of the last, 15
Harlequin, a new variety with elegantly mottled and spotted flowers, 15
Dwarf, a dwarf compact plant, only 6 inches tall ; very fine ; mixed colors, 10
Dwarf, double, a double variety of the last, 15
All the above varieties in splendid mixture, making the finest strain of Sweet Williams ever offered, 10
WALLFLOWER, (*Cheiranthus Cheiri*): A very beautiful half-hardy perennial with spikes of fragrant flowers resembling the Ten Weeks Stock. They require the protection of a cold-frame or pit during winter, where the winters are severe ; 1 to 2 feet tall ; choicest double mixed, a great variety, 15
VERONICA: Showy spikes of blue and red flowers, 10
VALERIANA: Long heads of scarlet and white flowers, 5

MISCELLANEOUS SEEDS.

AMPELOPSIS, quinquefolia, (*Virginia Creeper, or Woodbine*): 10
AMPELOPSIS Veitchii, (*Japan Ivy*): This is the vine so popular for covering the walls of brick and stone buildings. Seeds germinate in about a month after sowing, 10
AZALEA, mollis: a beautiful hardy shrub, 25
BIGNONIA radicans, (*Trumpet Vine*): 10
CELASTRUS scandens, (*Climbing Bittersweet*) 10
GLADIOLUS: The Gladiolus is easily raised from seed, flowering the third year and seedlings are always of a great variety of colors : choicest mixed, 20
HYACINTHUS candicans: A splendid bulbous plant with large spikes of lily-like white flowers ; 4 feet tall, 15
TRITOMA grandiflora, (*Red-hot Poker Plant*): A very handsome and showy hardy herbaceous plant, with tall spikes of bright red and orange flowers, 15
WISTARIA Sinensis. (*Chinese Wistaria*): A splendid shrubby climber, with clusters of pea-shaped blue and white flowers, 30 feet, 25
VIOLA odorata, (*Sweet-scented Violet*): Seeds very slow of germination : mixed, 10
YUCCA filamentosa, large spikes of white flowers, 15

SEEDS FOR THE WILD GARDEN.

What is called a wild garden is becoming very popular. The plan is to take some back corner or spot in the garden and sow a quantity of the most hardy flower seeds that have been well mixed together, and, except to keep down the weeds, allow them to pretty much take care of themselves. The effect is very striking. I had many calls for such seeds last year, and have put up packages expressly for this purpose. Price per large package containing a great variety of seeds best adapted for the "Wild Garden," well mixed, 25 cents.

SEEDS OF HOUSE PLANTS.

There is a good deal of pleasure in growing house plants from seeds, and very often as many plants can be grown from a packet of seeds as would cost several dollars if purchased from a greenhouse. Many of the varieties germinate as easily and quickly as the common annuals if properly treated. Fill shallow boxes (cigar boxes are just the things) nearly full with very fine, nice garden soil of a sandy nature, and press it down smooth and hard; make drills an inch apart by pressing the straight edge of a thick pane of glass into the soil to the depth of a sixteenth or eighth of an inch, according to the size of the seeds; sow the seeds and fill up the drill with fine sandy soil that has been sifted through a fine sieve; press down the soil quite hard over the seeds and water carefully with a fine spray, so as not to wash the soil from the seeds; cover each box with a pane of glass and put them in a good warm place The best place I have ever found for germinating small seeds is on a mantel shelf back of a kitchen stove. Take particular care to keep the soil just moist so that it does not look dry, until the seeds germinate. As soon as the plants begin to come up, give plenty of air by partially or wholly removing the glass, and move the boxes at once to a warm, sunny window. Very fine seeds, like Calceolaria and Begonia, should only be covered with a mere sprinkling of earth. (The above directions apply particularly to the smaller house plant seeds, but the same treatment is best for all small seeds like Petunia, Portulaca, etc.) The seeds of Clianthus, Geranium, Cyclamen, Heliotrope, Lantana and Smilax, are very hard and slow of germination. Cover these a quarter to a half inch deep, and they *must be kept quite moist and warm* till they germinate, which will be in 4 to 8 weeks; and they should be sown in boxes by themselves and not mixed with other seeds. After house plants have made a little growth and as soon as large enough to handle, pot off singly in small pots and finally shift to 6 inch ones, which is the right size for flowering. They should be kept growing vigorously in good rich soil during the summer to obtain an abundance of nice flowers in winter.

The seeds I offer were saved from the most celebrated prize collections in the world, have been carefully tested, and will germinate freely if properly treated.

ABUTILON, (*Flowering Maple*): Choicest mixed, ... 20

AZALEA Indica, A splendid shrubby plant covered with a mass of bloom; 3 feet; choicest mixed, ... 25

BEGONIA Tuberous-rooted: Exceedingly beautiful, profuse-blooming flowers of various shades of red and yellow; choicest mixed, ... 20

CARNATION Monthly or Perpetual: Choice mixed, German seed, ... 25

Choicest mixed, from Alegatiere's celebrated collection, the finest in Europe, ... 50

CALCEOLARIA hybrida: One of the grandest of house plants, bearing a mass of curious pocket-like flowers, both self and beautifully spotted and tigered varieties; choicest mixed, ... 15

CENTAUREA gymnocarpa: A beautiful white-leaved plant, much used for edging and ribbon beds, ... 15

CINERARIA hybrida: Very free-blooming, easily grown plants of rich and varied colors,—magenta, crimson, purple, violet and variegated; choice mixed, ... 10

grandiflora, very large flowers of the richest colors, the plants covered with a mass of bloom; choicest mixed from Benary's celebrated collection, ... 20

New Double, about 20 per cent of double flowers, ... 30

CHINESE PRIMROSE, (*Primula Sinensis*): The Chinese Primrose is one of the most satisfactory of house plants. The flowers are white and many shades of red, often finely spotted and striped. Plants from spring-sown seeds will bloom profusely the following winter. Cover seeds a quarter inch, keep quite moist and not too warm. Fine mixed, packet of about 25 seeds, ... 10

Choicest mixed, from the finest collections of fringed, fern-leaved, and large flowering varieties in Europe; packet of about 25 seeds, ... 20

fimbriata alba magnifica, a beautiful new variety with large white flowers, 2 inches across, with citron eye, ... 40

flore pleno, choicest mixed, produces a fair proportion of large double flowers; packet of 12 seeds, ... 40

COLEUS: The most popular of all foliage plants, the leaves variegated with many shades of red, yellow, maroon, etc.; choicest mixed, from a large collection of named varieties, ... 25

CUPHEA grandiflora, (*Cigar or Fire Cracker Plant*): Scarlet, black and white; very large; 3 feet, ... 15

CHRYSANTHEMUM: These popular Autumn-blooming plants are easily raised from seeds. Set the plants in the open ground during summer. Take them up the last of August, with as much earth as possible, and plant in pots or boxes for the house.

Indicum, large flowers with imbricated petals; choicest mixed, ... 25

Pompon, small, very perfect flower; choicest mixed, ... 25

Japanese, fringed flowers; choicest mixed, 25

CLIANTHUS Dampieri. (*Glory Pea*): A magnificent trailing plant with large clusters of pea-shaped scarlet flowers, each flower 3 to 4 inches long, with a large black spot in the center. Keep the seeds very moist and warm and set the plants in the open ground in June in warm, sandy soil. Packet of 15 seeds, ... 15

CYCLAMEN Persicum: Splendid bulbous plants with Orchid-like delicately colored flowers; seeds germinate in about two months; choice mixed, 15 seeds, ... 10

giganteum, a superb new strain with very large flowers of various rich colors, ... 30

FERNS: Choicest mixed seeds (spores) of these graceful plants. Slow of germination, 20

FICUS elastica, (*India Rubber Plant*)..... 20

FUCHSIA: Choicest mixed, ... 25

GERANIUM: These well-known bedding and house plants are easily grown from seed, which germinates unevenly but quite surely. Soak the seeds for 12 hours before sowing, and keep it moist and warm until it germinates.

Zonale, choicest mixed, from a large collection of named varieties, ... 10

Zonale variegata, gold, silver, tricolor and bronze foliage, sorts; choicest mixed: packet of 15 seeds, ... 50

Double, packet of 15 seeds, ... 50

Apple-scented, packet of 15 seeds, ... 25

Pelargonium, (*Lady Washington Geranium*): choicest large-flowering and fancy varieties mixed, packet of 15 seeds, ... 50

GLOXINIA grandiflora: Very handsome bulbous plants producing a profusion of large bell-shaped flowers of the richest and most varied colors, through the summer: choicest mixed, ... 15

HELIOTROPE: Finest mixed, ... 10

HUMEA elegans: Graceful ruby red drooping panicles of flowers; half hardy biennial; 6 feet, ... 10

HIBISCUS, fulgens. (*Chinese Hibiscus*): Half-hardy shrubs with gorgeous crimson-scarlet flowers, 4 inches across, ... 25

LANTANA: Fine shrubby plants, with clusters of Verbena-like flowers; finest mixed.... 10

LINARIA Cymbalaria, (*Kenilworth Ivy*): 10

MUSA ensete, (*Abyssinian Banana*): This most magnificent of all greenhouse foliage plants grows from 8 to 12 feet tall, with massive leaves 4 to 6 feet long. Start the seeds under glass and plant in very rich soil in June. Plants may be wintered in a warm cellar or greenhouse,.... 30

OXALIS: floribunda, well known profuse blooming plants: rose and white, mixed..... 10

PASIFLORA cærulea, (*Passion Flower*): Magnificent evergreen shrubby climber..... 15

SOLANUM capsicastrum, (*Jerusalem Cherry*): A fine old house plant, bearing bright red berries the size of cherries..... 10

SMILAX, *M. Asparagoides*): An elegant climbing plant, with glossy green leaves. Soak seed in warm water for 48 hours before sowing..... 15

BULBS.

GLADIOLI: The Gladiolus is the best and most popular of what are called Summer Bulbs. Its tall spikes of large flowers, which are of almost every shade of color, spotted, blotched and striped in the most beautiful manner, are truly gorgeous. The bulbs may be planted six inches apart, in any ordinary garden soil in April, May and June, and covered from 3 to 5 inches deep, according to size, and they will always give a good account of themselves. The Gladiolus blooms in about three months from planting, and by planting them at intervals of two weeks they may be had in bloom from July to October.

GLADIOLI, splendid mixed varieties, including many fine seedlings, equal to the best named varieties. They are nice flowering bulbs and always give the best satisfaction, making a splendid display for a little money. Per dozen, 50 cents; per half dozen, 30 cts; per hundred, $3.50; per thousand, $30.00.

Gladioli, named varieties. I have a large collection of choice named varieties: prices from 15 cts. to $3.00 each, according to rarity.

CHINESE YAM, or Cinnamon Vine, (*Dioscorea batatas*): A beautiful herbaceous, ornamental vine of remarkably rapid growth, climbing from 15 to 30 feet in a season. The leaves are glossy green, veined with purple, and are never touched by insects. The flowers are small, white, in clusters, and emit a peculiar, cinnamon-like odor, so strongly as to fill the air around in the evening. The roots or tubers, which are edible, increase in size from year to year, and grow to a weight of several pounds each, and when once started, will last a lifetime in the ground. Plant the roots three inches deep in any garden soil. It is well to cover the roots a little with some leaves or straw the first winter, but after that they are perfectly hardy in any part of America. The roots can be planted whole or divided in pieces, and each piece will grow. One year old tubers, 25 cts. each; three for 50 cts.; eight for $1.00. (Ready early in April.)

TUBEROSE, Pearl: The Tuberose bears spikes of pure white, wax-like double flowers. Plant in boxes in the house, and remove to the garden when the weather has become warm, or they may be flowered in pots or boxes. Pearl is a new dwarf variety and much better than the old sort, being of low growth, with larger flowers. Nice large bulbs, 15 cts. each, two for 25 cts.; per dozen, $1.25. *Bulbs can be sent only in April and May, after danger from freezing is past.*

VEGETABLE SEEDS.

STANDARD LIST.

I do not offer a long list of varieties, but only such as experience has shown to be the best, the cream of a large number of varieties. I design to have my vegetable seeds as reliable as my flower seeds, and all who favor me with their orders may depend on receiving the very best in every respect. Those who want more than one package of a kind, may have *three* packages of *any one variety* for the price of *two*. This brings the 5-cent kinds down to about 3 cents, and the 10-cent kinds to about 6 cents. But it must be understood that this offer applies *only to three packages of the same variety*, not to three packages of different varieties of the same vegetable; for example, the price of three packages of Bassano Beet is 10 cents, but one package each of Bassano, Blood Turnip and Imperial Sugar would be 15 cents.

BEANS, BUSH VARIETIES: Black Wax, a long time in bearing; black seeds,.. 10

Golden Wax, very tender and fine,..... 10

Dwarf Horticultural, one of the very earliest and best for shelling, either green or dry..... 10

BEANS, POLE VARIETIES: Dreer's Improved Lima, a great improvement on the old Lima, being more productive and of better quality, while the beans grow closely together in the pods, making them easier to shell..... 10

Concord, one of the very best,..... 10

White Cranberry, very fine sort,..... 10

CORN, SWEET, Marblehead, the earliest of all varieties, except the Corey,..... 10

Ford's Early, a little later than Marblehead, but the best in quality of all the extra early sorts..... 10

Crosby's Early, ears large, 12-rowed, about 2 weeks later than Marblehead: very tender and sweet,..... 10

Black Mexican, a little later than Crosby, and one of the tenderest and sweetest of all varieties: nearly as white as any sort when fit for use,..... 10

Evergreen, old, standard late sort,..... 10

Egyptian, very large, and the latest of all, 10

CORN, POP, the best white for parching,.... 10

PEAS: Little Gem, the earliest and best of all the early wrinkled varieties, height 2½ feet..... 10

Champion of England, old standard sort, 10

ASPARAGUS: Conover's Colossal, the best variety. Soak the seed well and sow in drills 2 inches deep..... 5

BEET, Egyptian Blood Turnip, the earliest.... 5

Early Bassano, very early, tender and sweet..... 5

Early Blood Turnip,..... 5

Long Blood Red, for winter use,..... 5

Imperial Sugar, the sweetest of all sorts, and best for winter if sown late..... 5

CABBAGE, SUMMER VARIETIES: Early Winningstadt, one of the most reliable for heading..... 5

Early Wakefield, a standard variety for market..... 10

Henderson's Early Summer, extensively grown for market..... 10

WINTER VARIETIES: *Stone Mason,* nearly every plant will produce a good solid head, 10

Marblehead Mammoth, the largest of all; has been grown to weigh 60 lbs. each,..... 10

Fottler's Brunswick, popular for market, 10

Premium Flat Dutch, old standard sort,.. 5

Late Blood Red, for pickling, ... 5

CAULIFLOWER: Henderson's Early Snowball *(True)*, the best and most reliable variety, nearly every plant producing a good head, ... 25

CITRON: *New Californian*, very large, ... 5

CARROT: Early Horn, very early and fine, 5
Half-long Red Stump-rooted, ... 5
Long Orange, the standard late variety, .. 5

CELERY: Boston Market, one of the best, 5
Major Clarke's Pink, one of the best of the red varieties, and of better flavor than the white sorts, ... 10

CRESS or ***PEPPER GRASS:*** extra curled 5

CUCUMBER: Early Russian, the earliest, 5
Early Cluster, very early, ... 5
White Spine, very handsome and smooth, .. 5
Tailby's Hybrid, very handsome and good 5
Green Prolific, very productive; best of all for pickles and a good table sort, ... 5

EGG PLANT: New York Purple, ... 5

KOHL RABI: Early Purple, ... 5

LETTUCE: Ice Cabbage, very large heads, 5
All the Year Round, one of the best, ... 5
Early Tennis Ball, the best early sort, forming a close, hard head, ... 5
Boston Curled, a beautifully curled sort, .. 5

LEEK: Large America Flag, ... 10

MELON, MUSK: Casaba, large, long, sugary, ... 5
Hackensack, a very popular market variety 5
Nutmeg, small, rich and sugary, ... 5

MELON, WATER: Phinney's Early, very early, prolific; rich and sugary: one of the very best for the north, ... 5
Peerless, very early and productive; the richest and finest flavored of all water-melons, ... 5

WATERMELON, 12 varieties, mixed, ... 10

MUSTARD: White London, ... 5

ONION: Early Red Globe, very early, ... 5
Wethersfield, Large Red, ... 5
Danvers Yellow, largely grown for market, 5
White Globe, very large, mild flavor, ... 5

OKRA or ***GUMBO: Dwarf Prolific,*** 5

PARSLEY: Fern Leaved, very finely curled 5

PARSNIP: The Student, very sweet variety, 5

PEPPER: Tomato-formed, very productive, ... 5
Sweet Mountain or Mammoth, very mild, 5
Cherry-formed, small, round and very hot, 5
Red Chili, small, red, best for pepper sauce, 5

PUMPKIN: Sugar, the sweetest and best for pies, ... 5
Large Cheese, the best sort for field culture, and good for cooking; flesh very thick, ... 5

RADISH: Red Turnip, very early and tender, ... 5
Long Scarlet, early and good, ... 5
French Breakfast, of quick growth, ... 5
Eight Early Varieties, mixed, ... 10
Chinese Rose Winter, for winter use, ... 5
Mammoth White Winter, very large and good, ... 5

RHUBARB: Linnæus, early, large and tender, ... 10

SPINACH: Round Leaf, the best for spring or fall sowing, ... 5

SQUASH, SUMMER: Yellow Bush Scalloped 5
Bush Crookneck, ... 5

SQUASH, WINTER: Boston Marrow, ... 5
Turban, first-rate for fall use, ... 5
Hubbard, the standard of excellence, ... 5
Marblehead, better than Hubbard in some respects, ... 5
Mammoth Chili, has been grown to weigh 200 lbs. 10

SALSIFY or ***VEGETABLE OYSTER:*** This vegetable should have a place in every garden. It is a delicious vegetable and is used in soups, also boiled and fried, and has the flavor of oysters. Sow and cultivate like parsnips. The roots may remain in the ground all winter, ... 5

TOMATO: Livingston's Favorite, very early, of good size, very solid, round and smooth as an apple. Among the many varieties of Tomatoes, I consider this the best of all, ... 5
Strawberry, or Winter Cherry, a distinct species, the fruit growing in a husk and about the size of cherries. It should be grown in every garden, especially where fruit is scarce. It is very productive, and has the flavor of strawberries; excellent for canning, and the fruit can be kept fresh in a dry place all winter. Culture like the common Tomato, ... 5

TURNIP, ENGLISH: Early White Flat Dutch, ... 5
Staip-leaved Red-top, early and good, ... 5
Yellow Globe, excellent, large, yellow, ... 5
White Egg, one of the best for the table, ... 5

TURNIP, SWEDE OR RUSSIAN: White Sweet, the best for table use, ... 5

SWEET, MEDICINAL AND POT HERBS: Each of the following varieties is 5 cents per package: ***Anise; Arnica; Sweet Basil; Caraway; Dandelion,*** broad-leaved, French, grown for greens; ***Coriander; Catmint, Hoarhound; Lavender; Sweet Marjorum; Rosemary; Sage: Saffron; Summer Savory; Winter Savory; Tansy; Summer Thyme; Winter Thyme; Wormwood.***

A SPECIAL REQUEST.

Should you receive more than one Catalog, or have no use for this one, please hand it to some friend who is interested in growing choice flowers, and if you will at the time say a good word for my seeds, I shall be doubly obliged.

It is my rule to send a Catalog to all who order seeds the previous year, and then, if I do not hear from them, I drop their name from my books, as I have no means of knowing whether they are still livin the same place and desire another Catalog. This I very much dislike to do, and I hope that each one who receives a Catalog will send at least a small order, if no more than a ten-cent one, so that their names will appear on my books and I can send them a Catalog next year.

BOWKER'S FOOD FOR FLOWERS.

This is a fertilizer made expressly for flowers grown in the house or garden. It is free from odor and clean to handle. It produces a healthy, luxuriant growth, and induces early and profuse flowering. Trial packages containing sufficient for twenty ordinary house plants three months, sent postpaid for 25 cents. Regular package, four times the size of trial package, post-paid for 50 cents. Directions for applying and a valuable little book on "How to Cultivate and Propogate House Plants," by S. T. Maynard, Professor of Horticulture at the Mass. Agricultural College, *free* with each package.

SPECIAL TO CANADIAN CUSTOMERS.

The postage on all seeds sent from this country to Canada is very heavy, being 10 cts. for each package, no matter how small the package may be, even if it be but a single packet of seed, the postage on small orders being more han the price of the seeds; and to save my self from loss I am obliged to ask my Canadian customers to remit eight cents extra in addition to the price of the seeds, *when their orders are less than 40 cents in amount.* I will always pay postage on all larger orders.

VEGETABLE SEEDS.

Varieties of Recent Introduction of Special Merit.

During the past few years, hundreds of varieties of vegetables have been introduced by seedsmen, all of which were claimed to be improvements on the older varieties. I have made it a rule to test these varieties in my grounds as fast as offered, and most of them repeatedly. Many of them I find to be either identical with old sorts or inferior to the best of the standard varieties, or at best no improvement on them, while a few, perhaps one in ten, have proved to be real and valuable improvements, and should have a place in every garden. From among them I select the following, which are the very cream of the novelties introduced during the past few years. I advise all my customers to give them a trial, feeling confident they will not have any reason to regret doing so.

The offer of three papers for the price of two, as offered on varieties selected from the standard list, *does no apply to the varieties in this list*, but those who order 50 cents worth, *at the single packet rates*, may select 10 cents worth extra; and 25 cents worth extra for $1.00, etc., the same as offered on other vegetable and flower seeds, page 3.

COLLECTIONS OF VEGETABLE NOVELTIES,

Collection No. 1, seven varieties for 35 cents. For 35 cents I will send the first seven varieties on the list below, amounting to 60 cents at regular rates, one package of each; or if ordered at one time, four collections for $1.00.

Collection No. 2, fifteen varieties for 65 cents. For 65 cents I will send the seven varieties in collection No. 1 and the next eight varieties on the list below, amounting to $1.45 at regular rates; or two collections for $1.00, if ordered at one time.

Collection No. 3, twenty-five varieties for $1.00. This collection contains all the varieties in collections 1 and 2 and the next ten varieties on the list below, amounting to $2.40 at regular rates. Six of these collections will be sent, postage paid, for $5.00, if ordered at one time.

I shall have these collections put up ready for mailing, and *and no change whatever can be made in them.* I was one of the first to put up collections of flower seeds and offer them at greatly reduced rates, since which there have been many imitators, but I am determined that my collections shall always be at the head in value; and these collections of Vegetable seeds are certainly the best ever offered for the prices. Please note that while other collections of vegetable seeds consist mainly of old varieties or untried novelties, the most of which turn out to be of little or no value, *the varieties in my collections are among the very best*, REAL IMPROVEMENTS *that should have a place in every garden.*

Per p'ck'ge

BEET, Eclipse: This new Turnip Beet from Germany has acquired a high reputation among market gardeners in this country. It is as early as the Egyptian, smooth and round in form. It is of a dark rich red color, very fine grained and sweet, and an improvement on Egyptian..... 10

CUCUMBER, Nichol's Medium Green: For pickling or slicing, this is a most valuable sort. The cucumbers are of medium size, dark green, and always smooth and straight. The flesh is tender and crisp, and it is remarkably productive..... 10

LETTUCE, Oak-Leaved: A very distinct and handsome variety, the leaves shaped like those of the oak. The heads are crisp and tender and largely free from the bitter taste peculiar to most varieties, and it is very slow to run to seed..... 10

MUSK MELON, Montreal Market: This variety is one of the very best ever introduced. It is round in form and roughly netted, early, productive, and the largest green-fleshed melon in cultivation, growing with ordinary cultivation to a weight of 10 to 15 pounds each, and has been grown to weigh over 30 pounds. The flesh is remarkably thick and of first-rate quality,..... 10

PEPPER, Golden Dawn: A very distinct and valuable large sweet Pepper of a beautiful golden yellow color. It is the size and form of the old Bell, and very sweet, almost free from fiery flavor; very productive..... 10

SQUASH, Cocoanut: This, although not new, is so little known and so valuable, that I add it to my list. In size it is about 4 or 5 inches in diameter, and very productive, a single vine often bearing a dozen or more. It is as handsome as any Gourd, being yellow striped with orange and green. The flesh is very fine grained, dry and sweet. It is very hardy and will produce a crop when the large varieties fail, in fact can be grown as easily as pumpkins. It is a fall sort, but keeps nearly all winter..... 5

TURNIP, Extra Early Purple-Top Milan: This is the earliest flat Turnip yet produced. It has a very small top, with fine white, solid and sweet flesh and keeps in good condition all winter. 5

EARLY CABBAGE, Peerless: This superior early Cabbage is fast becoming the favorite sort among the marketmen in the eastern part of this State, where it originated. It is nearly as early as the Wakefield, very solid and uniform in size, averaging about 12 pounds each, and in quality unsurpassed by any other sort, early or late..... 10

CARROT, Danvers: The roots of this valuable sort are intermediate in length between Long Orange and Short Horn, but of larger size than the Orange. It is smooth and handsome and the best variety for main crop..... 5

SWEET CORN, Cory: *The earliest Sweet Corn in cultivation.* Planted by the side of the Marblehead in my grounds last season, it was fit for the table nearly a week earlier than that variety, while the ears were slightly larger, and of equally good quality. It grows fit for the table in 55 days from planting..... 15

LETTUCE, Deacon: This is the most reliable Lettuce for heading during summer I have ever tried. Planted by the side of a dozen or more new varieties last summer, it made larger heads and remained fit for use without running to seed, longer than any other, while the quality was first-class..... 10

LETTUCE, Golden Spotted: A very distinct and handsome sort, the leaves being yellowish green spotted with brown; tender and good..... 10

WATER MELON, Pride of Georgia: Of the many new varieties of Water Melons introduced during the past few years, this has pleased me most. The melons are of large size, round, and of a dark green color mottled with a lighter shade. It is very productive, rich, crisp and sugary, fully equal to the Peerless in quality, which is the richest of all Water Melons..... 10

RADISH, Chartier: A very handsome, quick growing sort of the form of the Long Scarlet, the upper half of the root being rose color, shading to white at the tip. It is remarkably tender, and keeps in good condition for eating for a long time..... 10

TOMATO, Beauty: From a great number of so-called new sorts of Tomatoes, I select this as the most promising of the lot. It is as early as any, of large size, always perfectly smooth and round in form, while they are so solid and heavy that they seem almost like stones in weight. They are of a peculiar pinkish red color and of unsurpassed quality..... 15

BUSH BEAN, Green Flageolet: This is the same variety sold by some seedsmen under the names of Green Gem and Wonder of France. It is early and wonderfully prolific, the beans of a pea green color, which color they retain when cooked, even when dry, if pulled as soon as fully grown. It is nearly as good in quality as the Lima Bean,..... 10

CABBAGE, Warren's Stone Mason: This variety is the result of careful selection for many years by a gardener of Marblehead. It is about as early as Brunswick, much rounder in shape, extremely solid, a splendid keeper, and unsurpassed for shipping purposes. It is becoming very popular among the Boston market gardeners,..... 10

CELERY, White Plume: This is the most valuable new Celery introduced in twenty years. It is entirely distinct from other varieties, its stalk and inner leaves and heart being naturally white so that by closing the stalks during the latter stages of its growth, and keeping them in place with a little earth, or by tying, it becomes completely blanched, making its culture very easy. It is crisp and solid with a fine nutty flavor,..... 15

CARROT, Guerande, or Early Oxheart: A very valuable new early variety, growing about 6 inches in length by 3 or 4 inches in diameter. It is of splendid quality and will produce a greater weight to the acre than most varieties,..... 5

CUCUMBER, Giant Pera: This has proved the handsomest and best long Cucumber ever raised. They grow to a length of 15 to 20 inches, are very smooth, with few spines, very straight and of nearly equal thickness the entire length. The vine is large, vigorous, and exceedingly prolific. In quality it is first rate, tender and crisp with very few seeds, which do not form until the cucumbers are nearly full grown,..... 10

LETTUCE, Green Fringed: A very ornamental and good variety. It is of a light and peculiar shade of green, almost white on the inner parts, while the edges of the leaves are most beautifully cut and fringed, and are tender and good,..... 10

PEA, Abundance: This is the best second early wrinkled Pea I have yet tried. The vines are very large, growing 2½ feet tall, and have a peculiar branching habit, and the vines should not be nearer than 6 to 8 inches in the row. It is remarkably productive, continuing to bear for a long time, each pod containing from 5 to 7 large peas, which are equal in quality to any variety,..... 10

WATER MELON, Mammoth Iron Clad: The largest of all Water Melons. It grows to a weight of 40 to 50 pounds each and has been grown to weigh over 100 pounds. The rind is very hard and tough which makes it a splendid keeper and shipper. It is long in form, dark green mottled with a lighter shade. Its quality is excellent,..... 10

ONION, Mammoth Silver King: A splendid white Onion, flat in form, growing to a diameter of 4 to 7 inches and a weight of 2 to 3 pounds each with good culture. It is of mild and pleasant flavor,..... 10

SQUASH, Essex: This is one of the best fall and winter Squashes. The flesh is very thick, fine grained, dry and sweet. It is one of the earliest of the fall or winter sorts..... 5

LIMA BEAN, Bliss' Early: About two weeks earlier than the common Lima, which is a great advantage in the North. It bears the bulk of its crop low down near the ground and good crops can be grown without poles,..... 10

LIMA BEAN, Challenger: This has proved a most desirable sort. It has been kept strictly pure in one family for three generations and improved by selecting the pods for seed containing the most beans. The beans are about twice as thick as the common Lima and grow closely together in the pods, from 4 to 6 beans in a pod, and are very rich and fine flavored,..... 10

BUSH BEAN, Champion: This is the best Bush Bean for all purposes. It is perfectly stringless and first-class for a snap bean and excellent for shelling, and one of the most productive of all bush sorts, 60 bushels to the acre having been grown,..... 10

BUSH BEAN, Boston Favorite: This, as an early shell bean, is superior to all others. It is immensely productive, the beans long and kidney shaped, striped like the Horticultural, but twice the size. It is fast becoming the most popular early shell bean in Boston market,..... 10

SWEET CORN, Potter; The best variety of its season, coming in about a week before the Evergreen. The ears are large, 12-rowed, exceedingly tender and sweet. This is the variety always used by the Squantum Club of R. I., in their famous clam bakes, and is sold by some seedsmen under the name of Squantum,..... 10

SWEET CORN, Mammoth: The largest of all varieties; ears have been grown to weigh over two pounds each; 16 rowed, sweet and good,..... 10

POP CORN, New Golden: A very handsome and fine variety, very prolific, 3 to 4 ears often growing on one stalk. Remarkably large and tender when popped,..... 10

POP CORN, Early Amber: A very distinct early variety of a beautiful amber red color, very tender and nice,..... 10

CABBAGE, Netted Savoy: This is one of the best of the Savoy varieties, and forms a good head. The Savoy varieties have curled and crumpled leaves, and are very much better in quality than the plain-leaved sorts,..... 10

CABBAGE, Mammoth Rock Red: The largest red cabbage ever produced, the heads often growing to a weight of 12 pounds,..... 15

MUSK MELON, Perfection: One of the very best melons I have ever grown. It is early and very prolific, growing to a weight of 4 to 6 pounds, round, dark green. The flesh is remarkably thick, and of a rich orange color, very sweet and unsurpassed in quality,..... 10

WATER MELON, Florida's Favorite: I have not tested this new sort, which is now for the first time offered, but it comes to me so highly recommended by one of the largest melon growers of Florida that I add it to the list. It is long in form, mottled with light and dark green, and of large size. It is said to be two weeks earlier than Pride of Georgia, and equal to it in quality,..... 15

ONION, Mammoth Pompei: The largest variety of Onion ever introduced, specimens having been grown to weigh 3 to 4 pounds each. It is reddish brown in color, the flesh white, fine grained and mild flavored. All who wish to grow large onions for exhibition should try this sort,..... 10

PEA, Stratagem: *The largest of all Peas.* The vines are very large and stout, about 2 feet tall, and loaded with pods from 4 to 5 inches long, each pod containing 6 to 9 peas, which are nearly double the size of Champion of England, and in quality fully equal to that variety,..... 10

PUMPKIN, Mammoth Potiron: The true Mammoth Pumpkin, growing to a weight of 100 to 200 pounds each,..... 10

NEW SQUASH, Bay State: This new Squash is a most valuable acquisition and I recommend it highly to all who like a first-class Squash. It is like the Essex in form, but a little earlier and green on the outside, while the flesh is of a bright golden yellow, remarkably thick and solid, very fine grained, dry and sweet. It has an extremely hard, flinty shell which makes it one of the best of keepers. It is the most solid, and heaviest Squash of its size I have ever seen, and very uniform, averaging about 10 or 12 pounds each. In productiveness it fully equals, if not excels, the Essex. The original vine produced three squashes in a length of three feet, weighing from 8 to 12 pounds each,..... 15

FRUIT TREES AND PLANTS.

Before ordering, please read the following instructions.

WRITE ALL ORDERS FOR ARTICLES ON THIS AND THE FOLLOWING PAGES ON A SEPARATE SHEET OF PAPER FROM SEED ORDERS OR ANYTHING ELSE. Spring is the best time to set all trees and plants in the Northern States. My stock is first-class, and packing will be done in the best manner by experienced hands. No charge for boxes or packing. Plants can be sent by mail or express with perfect safety to any part of the U. S., even the most distant places. Large orders can be shipped by freight. The postal regulations are such that PLANTS CANNOT BE SENT BY MAIL TO CANADA, only by express or freight. *It is always best to have plants sent by express*, unless the order is small or on long and expensive routes, in which case it is cheaper to send by mail. If to be sent by express, *mention nearest express office and name of company.* If plants are ordered sent by mail, *enough money must be added to the list prices to pay postage*, which will be as follows: Strawberry plants 20 cents per 50, 30 cents per 100: Raspberries 15 cents per doz., 75 cents per 100: Blackberries 20 cents per doz., 90 cents per 100; 1-year old Gooseberries and Currants, 20 cts. per doz., $1.20 per 100; 1-year old Grapes, 20 cts. per doz., $1.00 per 100. *Two-years old Gooseberries, Currants and Grapes cannot be sent by mail. Trees are too large to be sent by mail.* One-half doz. plants or trees (no less) of ANY ONE VARIETY, sent at dozen rates, 50 at 100 rates. Neighbors, by clubbing together, can thus often get the advantage of 100 and 1,000 rates and reduce express and freight charges, which are now usually quite reasonable.

My terms are invariably cash with order. Owing to expense of packing, *no order can be filled for articles on this and the following pages for a less amount than one dollar.* Those not familiar with the different varieties and who prefer to leave the selection to me, should state whether they are for home use or for market, and whether early or late varieties are wanted.

Please order early; don't wait till you are ready to plant, for it takes a little longer to fill orders for plants and trees than seed orders. Persons who wish to plant larger quantities than are priced, of any varieties, would do well to correspond for prices, stating varieties and quantity of each wanted. I can supply all varieties in large quantities at *very low rates*, and first class stock.

STRAWBERRIES.

Prices for standard varieties: 25 cts. per doz., $1.00 per 100, *unless otherwise priced.*

Standard varieties: Bidwell, early, large and good; one of the best for heavy soil; per 1000, $4.00. Champion, medium size, very healthy and one of the most profitable for market; acid: per 1000, $4.50. Chas. Downing, one of the very best for home use or market; large, very productive and fine quality: per 1000, $4.00. Crescent, the most productive, and one of the most profitable of all for market; always vigorous and healthy, it will produce a large crop, even with neglect; rather acid; per 1000, $3.50. Cumberland, very large and handsome; one of the earliest and continues to ripen until very late; very productive and healthy; extra fine quality; one of the very best for home use; 1000, $4.50. Emerald, very large and productive; superior quality. Garretson, large, very vigorous and productive. James Vick, small, very acid; remarkably productive in some places, but very unproductive with me. Jersey Queen, very large, extra fine quality; needs high culture and heavy soil. Kentucky, very large, late and of high quality; one of the best for home use or market; productive; 1,000, $3.50. May King, resembles Crescent; one of the most profitable for market; acid, early. Miner, one of the *very best* for either home use or market; fruit of largest size, sweet and rich; plants very healthy, vigorous, and one of the most productive of all; per 1,000, $4.00. Parry, large, vigorous and productive; fine quality. Sharpless, remarkably vigorous and healthy; of largest size and productive, sweet, mild flavor, late; 1,000, $4.00. Warren, very large, early, rich and excellent for home use.

New varieties: Monmouth, described as an improved Crescent, being larger, firmer, and of stronger growth, with a perfect blossom; per doz., $2.50; per 100, $12.00. Ontario, plant a strong grower and very productive; berry large, fine flavor; doz., 50 cents, 100, $2.00. Lida, described by introducer as being a strong, vigorous grower and extremely productive; firm, large and of excellent quality; doz., $2.00, 100, $10.00. Mammoth, claimed to be the largest berry ever introduced; doz., $2.00, 100, $10.00. Belmont, *one of the most promising of the new varieties:* fruit very large, oblong, dark crimson, exceedingly firm and of high quality; keeps firm and good a long time after picking; plant of very strong growth and extremely productive. At the last Strawberry show of the Mass. Horticultural Society, this variety received the first prize of a Silver Cup for the best 4 quarts, also first prize for largest number of points of excellence over any other variety; per doz., $1.25; per 100, $6.00. Sunapee, claimed to be very early, good size, sweet, vigorous and productive; doz., 75 cents, 100, $2,00. Henderson, of good size, and extra fine flavor; needs high culture; doz., 50 cents 100, $3.00. Hoffman, extra early, large and productive; particularly valuable for the South; doz., 50 cents, 100, $2.00. Gandy, claimed to be the latest of all strawberries yet known; very large, firm, vigorous and productive; doz., $2.00. Jewell, a berry of great promise; fruit of largest size, firm and of good quality; plant remarkably vigorous and productive. It was awarded a Silver Medal by the Mass. Horticultural Society for superiority, and is strongly endorsed by the leading horticulturists of the country. Price per doz., 75 cents; per 100, $4.00.

RASPBERRIES.

Price, 50 cts. per doz., $2.00 per hundred, *unless otherwise priced in list.*

Red and Yellow varieties: Caroline, the most productive of all the red varieties; fruit medium size, of a pale salmon color, rather soft and acid; one of the very best for home use and for canning; very early; 100, $3.00. Crimson Beauty, large, fine flavor, but unproductive in some places. Cuthbert, the best red variety for either market or home use; fruit large, of extra fine flavor, firm and very productive; late; $1.50 per 100. Hansell, very early, hardy and of good quality; $1.50 per 100. Herstine, early, large and delicious flavor; per 100, $2.50. Marlboro, early, very large, hardy and productive; good quality. Superb, very large, luscious and fine quality; valuable for home use; per 100, $2. 5 Turner, early hardy and productive, fruit of good quality, soft; one of the best for the North; 100, $1.50. Rancocus, early; per doz., 75 cts.; 100, $4.00.

Golden Queen, new; fruit very large, firm, of a beautiful amber color, and of the highest quality; plant very vigorous, healthy, hardy, and exceedingly productive. This is undoubtedly one of the *very best* varieties of its class yet introduced. Price, 35 cts. each, $2.00 per doz.; per 100, $12.00.

Raspberries, Black Cap varieties: Centennial, large, early; sweet and delicious flavor; productive. Chapman, early, good size and of good quality; prolific. Gregg, very large and late; productive; good quality; per 100, $1.50. Hopkins, early and of highest quality; vigorous and productive; $1.50 per 100. Ohio, a profitable market berry; very productive and good size; per 100, $1 50. Shaffer, of a dull purple color; very large, vigorous and productive; late; rich and sprightly, sub-acid; one of the best for canning. Souhegan, the earliest and most productive black Raspberry; fruit medium size and good quality; canes very hardy and healthy; one of the most profitable for market; $1.50 per 100. Hilborn, new; large and of fine quality; mid-season; per doz., $1.50; per 100, $7.50. Nemaha, closely resembles the Gregg, but much hardier; per doz., 75 cts.; per 100, $4.00.

BLACKBERRIES.

Prices: 50 cts. per doz, $2.00 per 100, unless otherwise priced.

Agawam, sweet, hardy and productive, excellent for home use. Crystal White, of good size, white, sweet; prolific, but not hardy; per doz. 60 cts.; 100, $3.00. Dorchester, old, popular, early sort; hardy, sweet and excellent. Early Harvest, new; the earliest sort known; very hardy and remarkably prolific; fruit medium size and good quality. Kittatinny, large, handsome, and fine flavor; late. Lawton, an old sort; large and productive; medium to late. Snyder, very hardy and exceedingly prolific; early, sweet. Taylor, hardy and productive; late. Wachusett Thornless, early, of large size and delicious quality; nearly free from thorns; hardy; 100, $3.00.

Erie.—In this new berry we have a concentration of all the most desirable points of excellence in a blackberry; fruit very large and of best quality; cane is a strong, vigorous grower, very hardy and prolific; mid-season. Price. 50 cts. each, $5.00 per doz.; per 100, $35. Lucretia Dewberry, a superb fruit, large, luscious and handsome; a healthy, strong grower; hardy and exceedingly prolific; per doz., $1.50; per 100, $7.50.

CURRANTS.

Prices: one year old, 60 cts. per doz., $4.00 per 100; two years old, 75 cts. per doz., $5.00 per 100, except as otherwise priced.

Varieties: Red Dutch, old, well known sort. Cherry, the largest red currant. Victoria, the latest red variety; very productive. White Grape, the largest and best white variety. Lee's Prolific, the best black. Fay's Prolific, new and the best of all red varieties; fruit large and less acid than Cherry; wonderfully prolific; one year old, 40 cts. each, $4.00 per doz.; two years old, 60 cts. each, $6.00 per doz.

GOOSEBERRIES.

Varieties: Downing, large, pale green, good quality; hardy and productive; one year, per doz. $1.00: per 100, $7.00; 2 years, $1.50 per doz., $10.00 per 100. Smith's Improved, large pale yellow; good quality and exceedingly productive: prices same as Downing. Houghton, old and popular sort; small, pale red, sweet and good; one year, per doz., 60 cts, per 100 $4.00; two years, per doz., 75 cts, per 100, $5.00. Industry, a surperb and very promising new sort; fruit exceedingly large, dark red, of delicious quality, two years old, 50cts each, $5.00 per doz.

GRAPES.

Prices for Standard sorts: one year old vine, 15 cts each; $1.00 per doz.; two years: old, 20 cts each; $1.50 per doz. *unless otherwise priced.*

Standard varieties:

Concord, the old reliable; succeeds everywhere. Hartford, one of the earliest, hardy and prolific; black; fair quality. Martha, old and popular white sort; very hardy and prolific; sweet but foxy. Catawba, red, of highest quality; too late for the North; two-year old vine; 25 cts, each. Agawam, large red, vigorous grower; peculiar aromatic flavor; mid-season; one year, 20 cts. each, $1.50 per doz.: two years, 25 cts. each, $2.00 per doz. Diana, red. sweet; keeps a long time; mid-season; prices same as Agawam. Salem, very large, red; sweet and rich; keeps a long time: ripens with Concord; prices same as Agawam. Telegraph, early, black, large and sweet; vigorous and productive; prices same as Agawam. Wilder, large, black of very rich superior quality; vine vigorous and productive; mid-season; prices same as Agawam. Duchess, a splendid white grape of the best quality; vine vigorous and hardy; one year old, 20cts each, $1.50 per doz.; two-years old, 30 cts. each, $2 50 per doz. Brighton one of the very best of red grapes; fruit large and of first quality; early: vine vigorous and productive; one-year 20 cts. each, $1 50 per doz.; two-years 30 cts. each, $3.00 per doz. Delaware, old and popular early sort; should be in every garden; bunch and berry very small, of the highest flavor; vine vigorous but slender; very productive; one-year old, 25 cts. each, $2.00 per doz.; two-years old, 30 cts. each, $2.50 per doz. Early Victor, early black, rich, fine quality; vigorous, very hardy and productive: prices same as Delaware. Lady, the best early white grape for home use; very hardy and productive; fruit sweet and good; prices same as Delaware. Worden (*true*), an early black variety, the merits of which have been strangely overlooked till lately; both buuch and berry very large, larger than Concord, and a week or ten days earlier than that variety; vine very hardy, vigorous, healthy, and very productive; quality better than Concord. This is, in my opinion, one of the *very best* black grapes for home use in the North. Prices same as Delaware. Pocklington, a very large and handsome white grape; fair quality, but too late for the North; one-year 30 cts. each, $2.50 per doz.; two-years, 40 cts. each, $3.50 per 100. Wyoming Red, early, very hardy and exceedingly productive; sweet and good; prices same as Pocklington. Moore's Early, one of the most profitable early black grapes for market but quality too poor for home use; one-year, 35 cts. each, $3.00 per doz.; two-years, 50 cts. each, $5-00 per doz. Lindley, one of the very best red grapes for home use; bunch and berry very large, sweet and rich; early; vine very vigorous and productive; fruit can be kept nearly all winter; one-year, 25 cts each, $2.00 per doz.; two-years, 35 cts. each, $3.00 per doz.

New varieties: Hayes, early, white, hardy; very promising; 1-year, 75 cts. each. $7.50 per doz., 2 years $1.00 each, $10.00 per doz. Empire State, the most promising white grape yet introduced. The vine is a remarkably strong grower, very hardy; (has endured 32 deg. below zero,) and an early and heavy bearer. The bunches are very large, long; berry white, with a tinge of yellow, medium to large; tender, juicy, sweet, rich, spicy and pure flavored; ripens very early and keeps a long time after ripe. It is a seedling of Hartford, crossed with Clinton, and was raised by that great hybridizer, James H. Ricketts, who sold the original vine to the introducer for $4,000. Price, 1-year old, $1 00 each, $10.00 per doz.; 2-years, $1.50 each, $15.00 per doz. Niagara, undoubtedly one of the finest and most profitable of white grapes; bunch very large and of good quality; vine very vigorous, hardy, and extremely productive; ripens with Concord; one year, 50 cts. each, $5.00 per doz; two years, 75 cts. each, $7.00 per doz.

PEACHES.

Prices: Standard varieties, first-class, 4 to 5 feet tall, 15 cts. each, $1.50 per doz.; *extra* size, 5 to 6 feet, 20 cts, each, $2.00 per doz.

Standard varieties: Extra early: Alexander, Amsden, Early Rivers, Hale's. *Early:* Large Early York, Mountain Rose, Cooledge's Favorite, Crawford's Early, Foster, Hance's Golden Rareripe, Old Mixon, Stump, Thurber. *Late:* Brandywine, Crawford's Late, Hill's Chili, Jacque's Rareripe, Keyport White, Late Rareripe, Reeve's Favorite, Ward's Late. *Very Late:* Smock, Bilyeu's October, Steadley.

New Varieties: Globe, golden yellow, of largest size, from 3 to 4 inches in diameter, and of first quality; tree a strong, vigorous grower and excellent bearer; ripens after Crawford's Late. Price, 1st-class, 50 cts, each, $4.00 per doz. Ford's Late, the latest white freestone peach; fruit large and handsome; first-class, 30 cts. each. $3 00 per doz. Chair's Choice, very large, late, yellow; first-class, each, 20 cts., dozen, $2.00. Lady Ingold, a large, early yellow-fleshed, highly colored peach, resembling Crawford, but of better quality; first-class, 25 cts, each, $2.50 per dozen. Reed's Early Golden, ripens with Early Crawford, upon which it is an improvement, larger and handsomer; prices same as Lady Ingold. Pratt, a very hardy and reliable yellow peach, ripening after Early Crawford; good quality; prices same as last variety.

APPLES.

Prices: Standard varieties, first-class, 5½ to 7 feet, 25 cts. each, $2.50 per doz.; two-years, 4½ to 6 ft., 20 cts each, $2.50 per doz.

Standard Varieties, Summer: Harvest, Keswick Codling, Nyack Pippins, Primate, Red Astrachan, Sweet Bough. *Autumn*; Alexander, Duchess of Oldenberg, Fall Pippin, Fameuse, Gravenstein, Orange Pippin, Porter, Stump. *Winter*: Baldwin, Ben Davis, Cogswell Cooper's Market, Dominie, Fallawater, Gen. Lyon, Golden Russet, R. I. Greening, Grimes' Golden, Hubbardston Nonsuch, King, Lady, Lady Sweet, Lawver, Mann, McIntosh Red, Monmouth Pippin, Nero, Newtown Pippin, N. Spy, Pennock, Pewaukee, Roxbury Russet, Smith's Cider, Smokehouse, Stark, Talman's Sweet, Wagener, Walbridge, Wealthy, Willow Twig, Winesap, York Imperial.

New Varieties: Delaware Winter, one of the most valuable of long-keeping apples, especially for the South; fruit large, round, bright red, flesh juicy, excellent, sub-acid; tree a vigorous grower and an early, abundant bearer, $1.50 each, $15.00 per doz. Loy, of extra fine quality; and great beauty; fruit large, red and yellow with a sprightly and pleasant flavor: hardy and productive; one-year old, $1.50 each. Jacob's Sweet, a large and showy variety; keeps till June; fruit yellow; shaded carmine; crisp and of best quality; very productive; one-year, 75 cts. each, $7.50 per doz Salome, a very hardy, valuable, prolific and long-keeping variety; fruit yellow striped red, juicy, mild sub-acid; one year, each, 50 cts., $5.00 per doz. Red Beitigheimer, one of the largest, handsomest and best of all autumn apples; fruit cream-colored, shaded with light red, sub-acid with a brisk pleasant flavor; 1st class, 40 cts. each, $4. per doz.: one year, 25 cts. each, $2.50 per doz. Yellow Transparent, the earliest of all apples, ten days earlier than Harvest; juicy, melting and of excellent quality; tree very hardy and an early, abundant bearer; prices same as the last.

Crab Apples: 1st class, 30 cts. each, $3.00 per doz. *Varieties*: Hyslop, Lady Elgin, Red Siberian, Transcendant, Yellow Siberian.

PEARS.

Prices: Standard trees, 1st class 5 to 6 feet; 60 cts each, $6.00 per doz.; two-years, 3 to 5 feet, 50 cts. each, $5,00 per doz. *Dwarf trees:* (of varieties marked with a *) 50 cts. each, $5.00 per doz.

Summer varieties: *Bartlett, *Clapp's Favorite, *Manning's Elizabeth. *Autumn*; Bosc, Clairgeau, *Boussock, Seckel, Sheldon, *Augouleme, *Flemish Beauty, *Howell. *Winter*: *Anjou, Dana's Honey, Mt. Vernon, *Lawrence.

New Variety, Lawson or Comet. This is the handsomest and largest early pear yet produced; The fruit is of a most beautiful crimson on a bright yellow ground, and the flesh, though not of high quality, is crisp juicy and pleasant. Ripens in Central New York from middle to last of July. The tree is a good grower, a prolific annual cropper and begins bearing young. *Prices:* Standard trees. one-year, 1 to 2 feet, 50 cts. each, $5.00 per doz.; 3 to 4 feet, 75 cts. each, $7 50 per doz.; two-years 3½ to 5 feet, $1.00 each, $10.00 per doz. *Dwarf*, one-year 50 cts. each, $5.00 per doz.; 1st class 75 cts. each, $7.50 per doz.

PLUMS.

Prices: Standard varieties, first-class, 5 to 7 feet, 40 cts. each, $4.00 per doz.; medium size, 4 to 6 feet, 25 cts. each, $2.50 per doz.

Standard Varieties: Bradshaw, Golden Drop; Gen. Hand, German Prune, Green Gage, Imperial Gage, Lombard, McLaughlin. Monroe Egg, Peach, Quackenboss, Reine Claude, Richland, Shropshire Damson, Smith's Orleans, Washington, Yellow Egg.

New Variety, Spaulding. The only real curculio-proof plum yet introduced. The curculio attacks this variety the same as others, but for some unexplained reason the eggs deposited in the plum *always fail to hatch* and produce the grubs that cause other sorts to fall before they ripen. The fruit ripens early, is of medium size, yellowish green, marbled, with a white bloom; flesh pale yellow, very firm, sweet and rich, parting readily from the stone. It is one of the very best plums for canning. The tree is very vigorous and healthy and bears enormous crops every year. Price, first-class, 6 to 7 feet, $2.00 each, $20.00 per doz.

CHERRIES.

Prices: first-class, 35 cts. each, $3.50 per doz.; 1-year, 25 cts. each, $2.50 der doz.

Heart and Bigarreau Varieties: Black Eagle, Black Tartarian, Downer's Late, Gov. Wood, Napoleon, Ohio Beauty, Yellow Spanish.

Dukes and Morellos: Belle de Choisy, E. Richmond, Late Duke, May Duke, Royal Duke.

QUINCES.

Apple or Orange, first-class, 30 cts., $3.00 per doz., Champion, first-class, 50 cts. each, $5.00 per doz.; Reas' Mammoth, 35 cts. each, $3.00 per doz.; Meech's Prolific, 50 cts. each, $5.00 per doz.

APRICOTS.

Prices: Standard varieties, 30 cts. each, $3.00 per doz.

Varieties: Breda Early Golden, Moorpark, Peach, Roman, Royal.

Russian Apricots: This valuable class is very hardy, having endured with safety a cold of 40 deg. below zero, and is exempt from diseases and ravages of insects. The tree begins to bear very young, and is highly ornamental as well as useful, with dark green foliage and beautiful blossoms. The fruit, which ripens in July, is not large, but golden yellow, handsome, sweet, and of best quality, selling at high prices in market. Price, 30 cts. each, $2.00 per doz.

Mulberries: Downing's Everbearing, 50 cts. each, $5.00 per doz. *Russian*, 15, 20, 30 and 40 cts. each, $1.00, $2.00, $3.50, and $4.00 per doz., according to size.

Figs: Large Purple, Pacific White, 75 cts, each, $7.50 per doz.; White Smyrna, 50 cts. each, $5.00 per doz.

Japanese Persimmons, 50 cts each, $5.00 per doz.

NUTS, Etc.

Almonds: Hardshell, Softshell, 25 cts. each, $2.50 per doz.

English Filberts, 25 cts. each, $2.50 per doz.

Chestnut, Spanish; 35 cts. each, $3.50 per doz.

Chestnut, American; 30 cts. each, $3.00 per doz.

Chestnut, New Japan Giant; 75 cts. and $1.00 each, $7.50 and $10.00 per doz.

Shellbark Hickory, 30 cts each, $3.00 per doz.

Pecan Nuts, 30 cts. each, $3.00 per doz.

English Walnut, 35 cts. each, $3.50 per doz.

Butternut, 25 and 40 cts each, $2.50 and $4.00 per doz.

Rhubarb Plants: Linnæus, 10 cts. each, $1.00 per doz., $3.00 per hundred.

Asparagus; Conover's Colossal, one-year, $1.00 per hundred; two-years $1.50 per hundred.

Sage: Holt's Mammoth, 25 cts. each, $2.50 per doz.

Hop roots: Golden Cluster, 15 cts. each $1.50 per 100.

Horse Radish sets, 25 cts. per doz., $1.00 per 100.

DISTANCE APART FOR SETTING FRUIT TREES AND PLANTS. — Strawberries, set in rows 4 to 5 feet apart, 1 to 1½ feet in the row and let runners form beds 2½ to 3½ feet wide. Raspberries and Blackberries 3 by 6 feet. Gooseberries and Currants 3 by 4 feet. Grapes 6 by 8 feet. Peaches and Plums 15 to 18 feet each way. Apples 30 feet apart. Standard Pears 20 feet. Dwarf Pears 7 to 10 feet. Cherries 15 to 20 feet. Quinces 10 feet apart.

THE PANSY CONTEST.

Thousands of my customers who engaged in the "Pansy Contest" proposed in my last Catalog, are, no doubt, awaiting with much interest the announcement of the result. The offer of several prizes for the largest pressed blooms of Diamond Pansies, created a great deal of interest among my patrons, and over three thousand signified their intention of competing for them; and several weeks before the time fixed for awarding the prizes, the blooms began to arrive by scores and soon by hundreds, until several thousand had been sent in. To carefully examine and measure these was a great, but very pleasant task. They were, when fresh, evidently of every color, tint and combination of tints ever seen in a Pansy. It might be supposed that the largest blooms would come from the rich soils of the West, especially from California, whence come so many big stories about big things, but such was not the case, for the largest part of the finest blooms were grown in the East, which shows that good culture is of more importance than mere locality. The following are the names of the successful contestants:

First prize $5.00, to Mrs. M. Andrews, Owen Sound, Canada, for a bloom two and eleven-sixteenths inches in diameter. Second prize $4.00, to Mrs. Wm. Dixon, Holden, Me., for a bloom two and nine-sixteenths inches in diameter. Third prize to Mrs. Cyrus Barber, East Steamburg, N. Y., for a bloom two and one-half inches in diameter. Fourth prize to Sarah M. Vose, Hyde Park, Mass., for a bloom two and seven-sixteenths inches in diameter. The following twelve persons sent extra fine and perfect blooms two and a quarter inches in diameter or over, and each received a dollar book; size of blooms in the order names are mentioned: Mrs. J. W. Shaw, Cumberland Centre, Me.; Mrs. C. P. Bancroft, Concord, N. H.; Mrs. G. B. Fuller, Watertown, N. Y.; Mrs. C. B. Carter, Greenwich, N. Y.; Mrs. C. H. Morrison, Bangor, Me.; Maria L. Hamilton, Heath, Franklin Co., Mass.; Josephine Smith, Napoleon, Ohio; Mrs. James A. Field, West Falmouth, Me.; Mrs. Mary A. Shankster, Pulaski, Ohio; James A. Bazin, Montreal, Canada; Miss Maria Cooper, Tomales, Mariin Co., Cal. So many others sent in such fine blooms that I was sorry I had no more books I could give. Many wrote that even though they did not get a prize, they felt amply repaid for trying in the pleasure the Pansies had given and the knowledge gained of just how to grow nice Pansies.

ANOTHER PANSY CONTEST.

Many of the competitors complained of the very hot, dry weather that prevailed in so many places and the unfavorable conditions for growing nice Pansies, and expressed a desire to try again. I will, therefore, make twenty-five cash and book presents to those who grow the largest blooms of Diamond Pansies this year, as follows: One cash present of $10.00 for the largest and most perfect pressed bloom of Diamond Pansy. One cash present of $5.00 for the second largest and most perfect pressed bloom. One cash present of $3.00 for the third largest and most perfect pressed bloom. One cash present of $2.00 for the fourth largest and most perfect pressed bloom. And to each one of those who send the next twenty-one largest blooms I will make a present of a beautiful dollar book entitled, "Every Woman Her Own Flower Gardener." (See special description in another place.)

RULES AND CONDITIONS:—Competition is open to all, except to those who received prizes last year, so that others may have a chance of obtaining a present. As the very largest blooms of Pansies are produced in the spring on plants from seeds sown the previous year, it would not be fair to others to allow those who can grow blooms on such plants to use them in competition with those who sow seeds this year; and *all blooms intended for competition must be grown on plants raised from seeds this year.* and those intending to compete for the presents, must so state when they order seeds. The presents will be awarded for the largest pressed blooms of the most perfect form, the color not being taken into account. If the blooms are carefully pressed they will retain their natural form and shrink but a trifle in size. The easiest way to press them is to cut off the stems close up to the flowers and put them in a large book in such a way that they will press out smooth and flat; then put a heavy weight on the book, or wedge it tightly with other books between two shelves, where they can remain till dry. The pressed blooms can be sent in an ordinary letter at any time before Nov. 10, next, and will reach me safely, but must be sent in time to reach me before that date. No one person will be entitled to more than one present. The presents will be awarded and forwarded to the successful competitors as soon after Nov. 10th as possible; and if permission is given, their names will be published in my next Catalog, together with the sizes of the blooms, By sowing the best seed and by giving the plants proper care, one person will have as good a chance to get a present as another; and I hope that all will give their Pansies the best of care and compete for the presents, for the greater the competition the more interesting it will be; and I am sure that even those who do not succeed in obtaining a present will feel well paid by the pleasure the culture of these superb Pansies will give.

COLLECTION OF BERRY PLANTS.

For $3.50 I will send by express *one dozen each* of the 8 varieties of berries named below and two plants of Fay's Prolific Currant,—98 *plants in all*,—good plants and nicely packed so as to go safely to any part of the U. S. Will send the same collection by mail, *postage paid*, for $4.00:—Strawberry, *Parry;* Strawberry, *Old Iron Clad;* Blackberry, *Early Harvest;* Raspberry, *Cuthbert;* Raspberry, *Souhegan;* Raspberry, *Hansell;* Raspberry, *Gregg;* Blackberry, *Taylor's Prolific.* At regular rates, the same plants would cost $4.25 by express or $5.00 by mail, and it is only possible to sell this splendid collection at the low price offered, by digging and packing them in large quantities, *hence it must be taken exactly as offered without change;* any change subjecting all to regular rates.

GOOD BOOKS ON GARDENING.

WINDOW GARDENING, by H. T. Williams. Gives plain directions for the care of all kinds of house plants; about soil, watering, propagating, etc.; 300 pages, 250 illustrations, cloth bound, $1.50 post-paid. Given as a premium to those who send club orders for seeds (see page 3).

EVERY WOMAN HER OWN FLOWER GARDENER.—This delightful work upon out-door gardening is full of useful information about laying out flower borders and beds, and the culture of all kinds of out-door plants; 148 pages, cloth-bound, $1.00 post-paid. Twenty-one copies of this book given to those who send the largest pressed blooms of Diamond Pansies (see above).

I can supply *any book published* on gardening and kindred topics, postage paid, at the usual prices, among which are the following valuable works: Henderson's Gardening for profit, $1.50. Gardening for Pleasure, $1.50. Roe's Play and Profit in my Garden, $1.50. Treat's Injurious insects of the Farm and Garden, $2.00. Saunder's Insects Injurious to Fruit, $3.00. Downing's Fruits and Fruit Trees of America, $5.00. Fuller's Small Fruit Culturist, $1.50. Practical Floriculture, $1.50. Fuller's Grape Culturist, $1.50. Ellwanger's The Rose, $1.25. Long's Ornamental Gardening, $2.00. Long's Home Florist, $1.50. Canary Birds, 50 cents. Harris' Gardening for young and Old, $1.25.

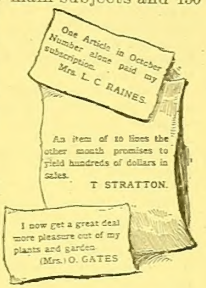
KNOW ABOUT GARDENING.

I am often asked questions by customers about the care of plants, etc., which I am sometimes unable to answer, as I would gladly do, simply for want of time. Everybody who has a garden, even a small one, or a few house plants, should subscribe to a good, live journal on gardening. Such a one, and one I can thoroughly recommend, is POPULAR GARDENING. The paper treats, on the one hand, of flowers, Pot-plants, Lawns and the Beautiful of Gardening; on the other, taking up Fruit and Vegetables, and the Marketing business in all branches—about half and half to each. In style, it is exactly adapted to the wants of the people, being plain, practical and to the point; no waste of words: engravings and printing the best. A yearly volume embraces over 1,000 main subjects and 150 engravings, and gives as much choice matter on gardening as six common books that would cost $9.00 It is very ably managed and cheap; its price being ONLY ONE DOLLAR A YEAR. Subscriptions can begin with any month and may be sent to me at any time. It is indispensable to all who wish to have the best success in the cultivation of plants and keep up with the latest methods and improvements in gardening. In order that my patrons may see just what a nice and valuable paper it is, I have made special arrangements with the publishers to send a specimen FREE to each applicant. Send a postal card directed to

THE POPULAR GARDENING PUBLISHING COMPANY,,
BUFFALO, N. Y..

With your name and address, and say you saw this notice in my Catalog, and they will send you a specimen copy FREE.

YEARLY SUBSCRIPTIONS may be sent at any time to L. W. GOODELL, DWIGHT, MASS.


One Article in October Number alone paid my subscription.
Mrs. L. C. RAINES.
An item of 10 lines the other month promises to yield hundreds of dollars in sales.
T. STRATTON.
I now get a great deal more pleasure out of my plants and garden
(Mrs.) O. GATES

ACRES OF FLOWERS.

A Famous Seed Farm in Amherst—A Charming Drive Across the Northampton Meadows and Through Old Hadley.

(From the Springfield Republican.)

NORTHAMPTON, September, 1886.—Have you been to Goodell's flower garden just beyond Amherst? was the question asked us a few days ago. We were obliged to confess our ignorance, to the great surprise of our questioner. The road from the Meadow city to that fair village under the shoulder of the Pelham hills is as familiar to our business men as to the students who frequent the fine thoroughfare which separates them from their cousins over the way. But we have been content to stand upon these charming uplands without venturing farther on into less familiar scenes. Tempted by the beauty of one of these crisp autumnal mornings, we set out on an exploring expedition.

A drive of a few miles through the valley, a picnic under the pines on a sandy knoll, and there is wafted to us, by the south wind, the fragrance of flowers and we seem to be drawing near the fair world of Los Angeles, where the air is heavy with the perfume of orange blossoms and heliotrope. Even the patriarchial pony of the professor takes a new life, as we emerge into a plateau quivering with beauty, and filled with aromatic odors. A surprise indeed. Here are acres covered with blossoming flowers, bearing names which take us to the far-away days of our boyhood, to the days of our grandmothers and the homes of those long since passed away. We inhale the fragrance of marigold and pinks and quickly we are borne back to the days of our early childhood and are again eating gingerbread as we sit in the lap of the aged one, listening to the story of the Revolution. Strange that the simple odor of a flower carries us back through the years with more than telegraphic speed. We look upon long brilliant rows of black-eyed pansies and verbenas of a hundred shades and the brown eyes of fairer flowers, now blossoming in a fairer land, look up into our moistened eyes. Aye, friends you cannot visit this field of beauty and not be reminded of those who have—in days gone—made your own life radiant and glad, there are holy emotions awakened as you stand there amid the sunflowers and snap dragons, amid four o'clocks and asters, amid poppies and petunias, with the sweep of the mountains around you and the woodlands above you. One stands here on holy ground and is in the daily presence of the "burning bush."

But to pass out of our dreamland musings. Here is a flower-farm which is famed throughout our own land and is known beyond the sea, and we nine miles away had never dreamed of such a place till now. We have seen the printed catalog but had not associated the name of "Goodell, Dwight, near Amherst, with such a place as this. A modest young man, devolping new varieties of flowers, introducing into cold New England, the lotus of the Nile, the blue African lily of Zanzibar, the balsam of Malacca, the poppy of California, the primrose of China, is a public benefactor. Tens of thousands of homes are enriched by his enterprise, starting here on a hill-side country farm, where his ancestors have lived since the days of King George, with simply a love for the beautiful as it found expression in flowers, with no thought of making a life business out of these frail, delicate plants, he has built up a trade in flower seeds only second in the United States. Think of 15,000 pansy plants, 50,000 asters, 30,000 phlox, and 20,000 pinks looking up at you as you dreamily wander over their fair fields. Then the hundredths of other kinds of flowering plant and shrub and vine, with their bewildering shades of color, from the dainty little violet to the tall and graceful lilly and their sisters dressed in every shade of color. If you are one instant taken back to the old gambrel-roofed house of your mother and listen to the whirr of the spinning wheel as hollyhock and marigold and snap dragon and nasturtias nod their heads at you, in the next you are transported to the Grand Union and see passing before you a procession of dazzling brilliant maidens clad in all the colors of the rainbow, as columbine and zinnias and cockscombs and the gladiolus bow their heads as you pass through their ranks.

A. M. B.

WORTHLESS VEGETABLE NOVELTIES.

Among the many novelties I have tested and found of little value, I mention the following. I do not find any merit in them, save that of being new, and will not impose on my customers by offering such trash. Crystal White Wax Bean, Ivory Pod Wax, Sweet Potato Pumpkin, King Humbert or Wonder of Italy Tomato, Turner's Hybrid or Mikado (which is the same, and too rough and uneven), Hardy Ridge or Prescott Musk Melon, Banana Musk Melon. The following new squashes are too poor in quality to be worth cultivating; one squash of Hubbard, Marblehead, Essex or Bay State is worth more for table use than a whole cartload of any of these: Red China, Olive, White Pineapple, Brazil Sugar, Perfect Gem, Valparaiso, Butman.

Should you receive more than one copy of this Catalog, I shall be greatly obliged if you will kindly hand it to some friend who would be likely to order seeds. As printers' ink is expensive, I should like to place every copy where it will be likely to bring at least a small order.

REPORTS OF CUSTOMERS.

I have received thousands of letters, containing entirely unsolicited expressions of the satisfactiou and success of customers. I take the liberty of publishing extracts from a few lately received, to show those who have never dealt with me that my seeds are just as represented. The gardens of customers are my best advertisements, and it is very gratifying to know that they have such unexceptional success and are so highly pleased with the seeds I furnish. I return my sincere thanks for the many kind sentiments and for the efforts many have made to extend my trade, and I shall try by furnishing the best of seeds and liberal dealings to merit a continuance of orders. Occasionally a failure occurs, and I am asked to replace seed which has failed to grow, and when such a failure is caused by any possible mistake of mine, I am ready to restore fourfold. I furnish all my customers with precisely the same quality of seed, just such as I would, and do, sow myself; and when ninety-nine succeed admirably, and the one hundreth one fails with seed that is all put up from one lot, it is impossible that the fault can be with the seed. All experienced gardeners well known that, no matter how good the seed, failure will sometimes occur from unfavorable weather and other causes entirely beyond control.

From JAMES BEACH, 5222 Paschall St., West Philadelphia, Pa.—I purchased your 30 ct. collection of seeds last year, and as I frequently purchased seed from other places from which I received no benefit whatever, I took your seeds and put them in the ground in a careless way not supposing they would amount to anything; but imagine my surprise, in a few weeks, I saw the bed filled to its utmost capacity with grand and beautiful flowers. I have recommended your seeds highly to all and the present $4 00 order is the result my success last year.

From Mrs. GEO. E. BERRY, Burlington, Vt.—I want to tell you of the success I had last year with your seeds. The Petunias and Pansies were the finest in Burlington. I took the special first premium on Petunias at the State Fair, and Mr. Klunder, the great florist of New York, who saw some I had on exhibition pronounced them the finest he ever saw.

From Mrs. MARY S. COLE, Laconia. N. H.—The seeds that I had last year were *very* good and we had a nice show of flowers; 65 Asters plants from 70 seeds, 100 Calceolarias from one paper, and other things accordingly.

From Mrs. W. H. FELKER, West Corinth, Me.—The Pansies have been the surprise and delight of myself and friends all summer, and as they are the largest I ever saw from seeds the first year. I send one in this letter. If I am not fortunate enough to win a prize, I can take this opportunity to thank you for the pleasure I have taken this summer with the flowers from those seeds.

From JOHN GILL, Mahanoy City, Pa.—I tried your 30 ct. collection last year and everything gave me great satisfaction. I have tried some of the best grower's seed in this country and spent a lot of money with them, but I never had such flowers as I had from your cheap collection.

From Mrs. C. H. MORRISON, Bangor. Me. Perhaps you would be pleased to know that I took premiums at the N. E. Fair this fall on Stocks, Verbenas and Pinks grown from your seeds. I enclose my best Pansy hoping for at least one of the small prizes, but if I do not get a prize I have been amply rewarded for buying the choice seeds, for my Pansies have been very beautiful.

From Mrs. J. G. LEIPOLD, Hunter, N. Y.—I cannot refrain from speaking of my success with your flower seeds which I have tried the past two years. I cannot say too much about them, and the cry has been, "Where do you get your seeds, I'm going to send to that place next year." My Petunias were far beyond anything in this vicinity. The Asters were perfect and Nicotiana a source of constant delight; and there were more than fifty varieties of Pinks. I have found it impossible to do as well with seeds from other houses.

From ADA M. MILLER, Springs, N. Y.—My bed of Little Gem Alyssum is greatly admired by all who have seen it; it is loaded with blossoms and looks like a snowbank. I planted two-thirds of the packet of Cineraria and have 73 plants. No seeds give such good satisfaction as yours.

From Mrs. CYRUS BARBER, East Steamburg, N. Y.—The Pansies were a marvel to all who saw them, for their large dimensions and exquisite coloring. The question was often asked me, "Where do you get your seeds?"

From F. P. Avery, Tunkhannock, Pa.—Just to think about 2½ cents for the handsomest Petunias I ever saw. We had a row 5 rods long and they have attracted attention for two months. I sold hundreds of Verbena plants and nothing but praise from all sources.

From Miss ELSIE STRECKER, Reading, Pa.—All the seeds we sent for last year came up and produced some of the most beautiful flowers we ever saw, especially the Pinks and Asters, whfch were greatly admired by all our friends from far and near.

From Mrs. G. B. FULLER, Watertown, N. Y.—Many people visited my flower garden and said my Pansies and Verbenas were the best they ever saw. I took first premium on Pansies at our county fair, first on Asters and first on Verbenas.

From Mrs. JAMES M. VINCENT, East Shelby, N. Y.—I don't know as there is any need of my writing anything in commendation of your seeds, as my orders are proof that I have been well satisfied. I had Snowball Cauliflower heads that weighed 5¾ pounds each, that beat anything around here in that line.

From Mrs. J. Z. MILLER, Parma, Mich.—My flowers from your seeds have been so nice that I want to write a little in praise of them. My Pansies were beauties; I had 65 plants, 30 distinct varieties; 16 distinct varieties of Asters, all double; China and Japan Pinks were very nice and a great many varieties; and my Portulaca bed was a perfect mat of all colors, and two-thirds of them as double as roses; Phlox was very nice, and of 11 varieties, and all of the seed was all, if not more, than you recommended.

From Mrs. GEORGE S. RANDALL, East Marshfield, Mass.—I cannot find words to express the beauty of the Cinerarias. They were over two feet tall and such a mass of bloom; the seeds must have been very choice, the flowers were so large and such a variety of rich colors, only two plants alike. They were just grand, and I never saw such nice ones before. I should think that every one that had anything to do with flowers would have some of them.

From Mrs. DILL E. HOLMES, Mattawan, Mich.—The Primroses, from seed purchased from you, were very satisfactory in blooms and they must have nearly every one sprung to life. The flowers on them have been a constant joy to me the past Winter and are now in profuse bloom.

From Mrs. WM. DIXON, Holden, Me.—The Pansies were the largest ever seen here and there was quite a time over them at the Fair and one gentleman from Boston wanted some of the seed as he never saw any so large. I referred him to you. I am going to try and have them still larger another year, if possible.

From A. E. BARNARD, Whitneyville, N. Y.—I sent you an order last year for nineteen 30 ct. collections and heard only one complaint from them. My flowers were a wonder to all who saw them. I had three papers of Asters and no one in this vicinity ever saw such a show (and it is a great place for flowers too), they were so double and such a show. Although I did not get a prize I felt amply repaid for my trouble and wish you long life and happiness.

From Mrs. H. L. SURRYTINE, Dimondale, Mich.—From the paper of Diamond Pansies I grew thirty-three distinct varieties of the most beautiful Pansies I ever saw. All the seed you sent me grew. I had the handsomest Petunias, Asters, Godetias, Phlox, Balsams, Portulacas, and in fact every one of the twenty-six papers produced the most beautiful flower and my garden has been the admiration of the whole village all summer.

From Mrs. S. M. HAMILTON, Windsor, Nova Scotia.—The seeds you sent last year gave universal satisfaction, and the Pansies turned out to be lovely. My Verbenas were the finest I ever saw. With the Chinese Primroses I had the greatest success, and have now a window full of beautiful blooms, which are the admiration of all who see them.